United States Air Force 611th Civil Engineer Squadron

Elmendorf AFB, Alaska

Final

Remedial Investigation Report Galena Airport and Campion Air Station

Volume 5—Appendix B, Part 3

19960404 093

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ATTACHMENT B - APPENDIX B

Table B-7

Detailed Listing of Blank Results - 1993 Water Samples

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
· · · · · · · · · · · · · · · · · · ·							
	Gasoline Range Organio						
ype of Blank :	Ambient Blank						
6/18/93	BA-03	88938	29.0	(J)	100.0	ug/L	1
6/18/93	BA-02	88937	44.0	(J)	100.0	ug/L	1
6/18/93	BA-01	88937	53.0	(J)	100.0	ug/L	1
6/22/93	BA-05	88964	42.0	(J)	100.0	ug/L	1
6/22/93	BA-04	88964	54.0	(J)	100.0	ug/L	1
6/30/93	BA-07	89008	45.0	(J)	100.0	ug/L	1
7/01/93	BA-08	89008	42.0	(J)	100.0	ug/L	1
7/01/93	BA-09	89008	42.0	(J)	100.0	ug/L	1
8/18/93	AB-01	89642	30.0	(J)	100.0	ug/L	1
8/18/93	AB-02	89642	20.0	(J)	100.0	ug/L	1
8/19/93	AB-04	89718	59.0	(J)	100.0	ug/L	1
8/19/93	AB-06	89718	39.0	(J)	100.0	ug/L	1
8/23/93	AB-03	89654	26.0	(J)	100.0	ug/L	1
9/24/93	AB-07	90018	32.0	(J)	100.0	ug/L	1
9/24/93	AB-08	90018	28.0	(J)	100.0	ug/L	1
9/24/93	AB-09	90018	20.0	(J)	100.0	ug/L	1
9/25/93	AB-10	90051	18.0	(٦)	100.0	ug/L	1
9/25/93	AB-11	90051	22.0	(J)	100.0	ug/L	1
Tot	al Number of Blanks = 1	18	Con	centrat	ion Range N	С	
Tot	al Number above Detect	ion Limit = 0	Max	imum De	tection Limit	= 100	
Method :	Gasoline Range Organio	cs					
Analyte :	Gasoline Range Organi	cs					
ype of Blank :	Equipment Blank						
7/01/93	04-MW-01-EB-03	89008	300.0		100.0	ug/L	1
0/10/93	08-GP-01-EB-01	90181	29.0	(J)	100.0	ug/L	1
Tot	al Number of Blanks =	2	Con	centrat	ion Range 3	300.0 - 30	0.0
Tot	al Number above Detect	ion Limit = 1	Max	imum De	tection Limit	: = 100	
	Gasoline Range Organi Gasoline Range Organi						

06/15/93	Method Blank	88865	24.0	(J)	100.0	ug/L	1
06/18/93	Method Blank	88937	27.0	(J)	100.0	ug/L	. 1
06/18/93	Method Blank	88938	31.0	(J)	100.0	ug/L	1
06/22/93	Method Blank	88964	38.0	(J)	100.0	ug/L	1
06/30/93	Method Blank	89008	40.0	(J)	100.0	ug/L	1

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18	ID L	. С.	D.	٠,

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	ethod : Gasoline Range C	-					
Ana	alyte : Gasoline Range (Organics, cont.					
Type of I	Blank : Method Blank						
8/04/93	Method Blank	89475	38.0	(J)	100.0	ug/L	1
8/17/93	Method Blank	89601	0.00	(J)	100.0	ug/L	1
8/18/93	Method Blank	89642	0.00	(J)	100.0	ug/L	1
8/18/93	Method Blank	89642	20.0	(J)	100.0	ug/L	1
8/19/93	Method Blank	89718	0.00	(J)	100.0	ug/L	1
8/19/93	Method Blank	89718	32.0	(J)	100.0	ug/L	1
3/23/93	Method Blank	89654	0.00	(J)	100.0	ug/L	1
8/23/93	Method Blank	89654	22.0	(J)	100.0	ug/L	1
9/21/93	Method Blank	89999	21.0	(J)	100.0	ug/L	1
9/24/93	Method Blank	90018	30.0	(J)	100.0	ug/L	1
9/25/93	Method Blank	90051	34.0	(J)	100.0	ug/L	1
0/09/93	Method Blank	90168	25.0	(IJ)	100.0	ug/L	1
0/10/93	Method Blank	90181	25.0	(J)	100.0	ug/L	1

Total Number above Detection Limit = 0

Maximum Detection Limit = 100

Method : Gasoline Range Organics Analyte : Gasoline Range Organics

Type of Blank : Trip Blank

06/15/93	BT-01	88865	24.0	(J)	100.0	ug/L	1
06/18/93	BT-05	88938	23.0	(J)	100.0	ug/L	1
06/18/93	BT-03	88937	33.0	(J)	100.0	ug/L	1
06/22/93	BT-06	88964	36.0	(J)	100.0	ug/L	1
06/30/93	BT-09	89008	45.0	(J)	100.0	ug/L	1
08/04/93	BT-11	89475	30.0	(J)	100.0	ug/L	1
08/17/93	TB-01-02	89601	26.0	(J)	100.0	ug/L	1
08/17/93	TB-04-02	89718	38.0	(J)	100.0	ug/L	1
08/19/93	TB-06-02	89718	34.0	(ك)	100.0	ug/L	1
09/21/93	TB-07-02	89999	28.0	(J)	100.0	ug/L	1
09/24/93	TB-09-02	90018	24.0	(J)	100.0	ug/L	1
09/25/93	TB-11-02	90051	26.0	(J)	100.0	ug/L	1

Total Number of Blanks = 12

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 100

Method : Diesel Range Organics Analyte : Diesel Range Organics

Type of Blank: Equipment Blank

		IADI	-E	D-

DATE	SAMPLE	ВАТСН			DETECTION	UNITS	DILUTION FACTOR
NALYZED	ID	ID	RESULT		LIMIT	04113	
	thod : Diesel Range Orga lyte : Diesel Range Orga						
Type of B	lank : Equipment Blank						
06/28/93	04-MW-01-EB-03	89008	9.0	(J)	200.0	ug/L	1
0/11/93	08-GP-01-EB-01	90181	38.0	(J)	200.0	ug/L 	1
	al Number of Blanks = 2				ion Range M		
Tot	al Number above Detectio	n Limit = 0	Max	imum De	tection Limit	; = 200	
Madhad .	Diesel Range Organics						
	Diesel Range Organics						
ype of Blank :	Method Blank						
06/16/93	Method Blank	88865	3.0	(J)	20.0	ug/L	1
	Method Blank	88937	9.0	(J)	20.0	ug/L	1
06/17/93	Method Blank	88938	9.0	(J)	20.0	ug/L	1
6/17/93	Method Blank	88964	4.0		20.0	ug/L	1
06/22/93	Method Blank	89008	5.0	(J)	20.0	ug/L	1
06/28/93	Method Blank	89475	0.00	• •	20.0	ug/L	1
18/05/93	Method Blank	89654	0.00	(J)	20.0	ug/L	. 1
08/23/93	Method Blank	89999	10.0	(J)	20.0	ug/L	1
09/22/93	Method Blank	90051	10.0	(J)	20.0	ug/L	1
09/23/93	Method Blank	90018	10.0	(J)	20.0	ug/L	1
09/23/93	Method Blank	90168	7.0	(J)	20.0	ug/L	1
10/07/93	Method Blank	90181	10.0	(J)	20.0	ug/L	1
10/11/93 10/11/93	Method Blank	90182	10.0	(J)	20.0	ug/L	1
	tal Number of Blanks = 1	 3	 Cor	ncentra	tion Range	NC	
	tal Number of Branks - I tal Number above Detecti				etection Limi	t = 20	
10	tal Number above become						
	: E160.1 - Residue, Filt						
Analyte	: Total dissolved solids						
Type of Blank	: Method Blank						
06/14/93	BLK93606	WLTDS_306141600	6.0	(J)	10.0	mg/L	1
06/16/93	BLK93645	WLTDS_306161600	7.0	(J)	10.0	mg/L	1
	BLK93690	WLTDS_306181600	8.0	(ט)	10.0	mg/L	1
06/18/93	BLK93770	WLTDS_306231400	3.0	(J)	10.0	mg/L	1
06/23/93	BLK931703	WLTDS_308031200	6.0	(J)	8.7	mg/L	1
08/03/93		WLTDS_308171200	5.0	(J)	8.7	mg/L	1
08/17/93	BLK932086	WLTDS_309170300	ND	, ,	8.7	mg/L	1
09/17/93	BLK932679	#E103_303170300	< DL		8.7	mg/L	1

< DL

mg/L

8.7

WLTDS_309200800

WLTDS_309231200

BLK932800

BLK932852

09/20/93

09/23/93

TABLE B-7

DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE	SAMPLE	ВАТСН			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR

	ethod : E160.1 - Resid						
	alyte : Total dissolve	d solids, cont.					
Type of	Blank : Method Blank						
	tal Number of Blanks =				ion Range N		
10	tal Number above Detec	tion Limit = U	Max	imum De	tection Limit	= 10	
Method	: E160.2 - Residue, No	n-Filterable					
	: Total suspended soli						
Type of Blank	: Method Blank						
09/17/93	BLK932678	WLTSS_309170300	ND		7.9	mg/L	1
09/20/93	BLK932801	WLTSS_309200800	< DL		7.9	mg/L	1
9/23/93 	BLK932852	WLTSS_309231200	ND		7.9	mg/L	1
	tal Number of Blanks =		Con	centrat	ion Range N	 C	
Tot	tal Number above Detec	tion Limit = 0	Max	imum De	tection Limit	= 7.9	
Method :	: E300 - Anions						
	: Chloride						
Type of Blank :	: Method Blank						
06/23/93	BLK93812	WLICXC306231300	0.00	(J)	0.020	mg/L	1
)9/25/93 	BLK932945	WLICXC309251400	0.00	(ט)	0.020	mg/L	1
	al Number of Blanks =				ion Range NO		
Tot	al Number above Detect	tion Limit = 0	Max	imum De	tection Limit	= 0.02	
Method :	E300 - Anions						
Analyte :							
ype of Blank :	Method Blank						
06/23/93	BLK93812	WLICXS306231300	0.00	(J)	0.060	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.06

Method : E353.1 - Nitrate-Nitrite Analyte : Nitrate-Nitrite as N Type of Blank : Method Blank 06/30/93	DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION
Analyte: Nitrate-Nitrite as N Type of Blank: Method Blank D6/30/93								
Type of Blank : Method Blank 10/6/30/93			e					
106/30/93 BLK93911 WLTRAC306301700 0.0019 (J) 0.010 mg/L 1 1 1 1 1 1 1 1 1	Analy	te : Nitrate-Nitrite as N						
10/08/93 BLK933077 WLTRAC310081900 0.00 (J) 0.010 mg/L 1 10/11/93 BLK933082 WLTRAC310111600 0.0014 (J) 0.010 mg/L 1 10/12/93 BLK933128 WLTRAC310121900 0.000100 (J) 0.010 mg/L 1 1 1 1 1 1 1 1 1	Type of Bla	nk : Method Blank						
10/11/93	06/30/93	BLK93911	WLTRAC306301700	0.0019	(J)	0.010	mg/L	1
Total Number of Blanks = 4	10/08/93	BLK933077	WLTRAC310081900	0.00	(J)	0.010	mg/L	1
Total Number of Blanks = 4 Concentration Range NC Total Number above Detection Limit = 0 Maximum Detection Limit = 0.01 Method : SW6010 - Metals Analyte : Aluminum Type of Blank : Equipment Blank 07/01/93 04-MW-01-EB-03 EMJA61307012200 0.097 0.028 mg/L 1 09/01/93 07-SW-07-EB-01 EMJA61309010000 -0.014 (J) 0.028 mg/L 1 Total Number of Blanks = 2 Concentration Range 0.097 - 0.097 Total Number above Detection Limit = 1 Maximum Detection Limit = 0.0284 Method : SW6010 - Metals		BLK933082	WLTRAC310111600	0.0014		0.010	mg/L	1
Total Number above Detection Limit = 0	10/12/93	BLK933128	WLTRAC310121900	0.000100	(J)	0.010	mg/L	1
Method : SW6010 - Metals Analyte : Aluminum Type of Blank : Equipment Blank D7/01/93		Total Number of Blanks = 4		Con	centra	tion Range N	C	
Analyte : Aluminum Type of Blank : Equipment Blank 17/01/93		Total Number above Detection	n Limit = 0	Max	imum De	etection Limit	= 0.01	
Analyte : Aluminum Type of Blank : Equipment Blank 07/01/93	Meth	od · SW6010 - Metals						
07/01/93								
9/01/93	ype of Blan	nk : Equipment Blank						
Total Number of Blanks = 2 Concentration Range 0.097 - 0.097 Total Number above Detection Limit = 1 Maximum Detection Limit = 0.0284 Method : SW6010 - Metals	07/01/93	04-MW-01-EB-03	EMJA61307012200	0.097		0.028	mg/L	1
Total Number above Detection Limit = 1 Maximum Detection Limit = 0.0284 Method: SW6010 - Metals	9/01/93	07-SW-07-EB-01	EMJA61309010000	-0.014	(J)	0.028	mg/L	1
Method : SW6010 - Metals		Total Number of Blanks = 2		Con	centrat	ion Range 0.	.097 - 0.0)97
		Total Number above Detectio	n Limit = 1	Max	imum De	etection Limit	= 0.0284	
Analyte : Aluminum								
	Metho	od : SW6010 - Metals						

06/23/93	BLK93-661	EMJA61306222200	0.028	(J)	0.028	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.037		0.028	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.0029	(J)	0.028	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.034		0.028	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.021	(J)	0.028	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.036		0.028	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.028	mg/L	1
09/24/93	BLK932672	EMJA61309240100	-0.0023	(J)	0.028	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.012	(J)	0.028	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.018	(J)	0.028	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0096	(J)	0.028	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 3

Concentration Range 0.034 - 0.037

Maximum Detection Limit = 0.0284

Method : SW6010 - Metals

Analyte : Antimony

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-5

DATE	SAMPLE	ВАТСН			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
ivne of Rlan	ok : Equipment Blank						
Type of Brain	k . Equipment brank						
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.0045	(J)	0.024	mg/L	1
09/01/93 	07-SW-07-EB-01	EMJA61309010000	-0.022	(٦)	0.024	mg/L	1
	Total Number of Blanks = 2		Cor	ncentrat	ion Range N	C	
	Total Number above Detection	on Limit = O	Max	cimum De	tection Limit	= 0.0241	
Metho	d : SW6010 - Metals						
	e : Antimony						
Type of Blan	k : Method Blank						
06/23/93	BLK93-661	EMJA61306222200	-0.0019	(J)	0.024	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.0029	(J)	0.024	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.0045	(3)	0.024	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.015	(J)	0.024	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0091	(J)	0.024	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.00001	(J)	0.024	mg/L	1
9/17/93	BLK932614	EMJA61309171000	0.013	(J)	0.024	mg/L	1
9/24/93	BLK932755	EMJA61309240100	-0.0011	(J)	0.024	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.021	(J)	0.024	mg/L	1
9/30/93	BLK932755	EMJA61309301400	0.0084	(J)	0.024	mg/L	1
0/05/93	BLK932764	EMJA61310051000	0.0071	(J)	0.024	mg/L	1
7	Total Number of Blanks = 11		Con	centrat	ion Range N	- C	
٦	Total Number above Detectio	n Limit = 0	Max	imum Dei	tection Limit	= 0.0241	
Methor	d : SW6010 - Metals						
	e : Arsenic						
ype of Blank	k : Equipment Blank						
07/01/93	04-MW-01-EB-03	EMJA61307012200	0.010	(J)	0.023	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0012	(J)	0.023	mg/L	1
	otal Number of Blanks = 2				on Range NO		
1	「otal Number above Detection	n Limit = 0	Max	imum Det	ection Limit	= 0.0225	
	d : SW6010 - Metals e : Arsenic						
Analyte							
Analyte	e : Arsenic	EMJA61306222200	-0.0029	(J)	0.023	mg/L	1
Analyte Type of Blank 96/23/93	e : Arsenic k : Method Blank	EMJA61306222200 EMJA61306222200	-0.0029 -0.0026		0.023 0.023	mg/L mg/L	
Analyte	e : Arsenic c : Method Blank BLK93-661			(J) (J) (J)		mg/L mg/L mg/L	1 1 1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH			DETECTION		DILUTIO
ANALYZED	1D	1D	RESULT		LIMIT	UNITS	FACTOR
	ethod : SW6010 - Metals						
An	alyte : Arsenic, cont.						
Type of	Blank : Method Blank						
9/01/93	BLK932289	EMJA61309010000	0.0038	(J)	0.023	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.019	(J)	0.023	mg/L	1
9/17/93	BLK932614	EMJA61309171000	0.0020	(J)	0.023	mg/L	1
9/24/93	BLK932755	EMJA61309240100	0.012	(J)	0.023	mg/L	1
9/24/93	BLK932672	EMJA61309240100	-0.0014	(J)	0.023	mg/L	1
9/30/93	BLK932755	EMJA61309301400	-0.00090	(J)	0.023	mg/L	1
.0/05/93	BLK932764	EMJA61310051000	-0.010	(J)	0.023	mg/L	1
To	tal Number of Blanks =	11	Cond	centrat	ion Range N	С	
To	tal Number above Detect	ion Limit = 0	Max	imum De	tection Limit	= 0.023	
Method Analyte	: SW6010 - Metals : Barium						
ype of Blank	: Equipment Blank						
			•				

Total Number of Blanks = 2	Concentration Range	0.0023 -	0.0023

EMJA61309010000

0.00

(J) 0.000530

Maximum Detection Limit = 0.00053

Method: SW6010 - Metals

07-SW-07-EB-01

Total Number above Detection Limit = 1

Analyte : Barium

09/01/93

Type of Blank: Method Blank

06/23/93	BLK93-716	EMJA61306222200	0.000770		0.000530	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.000190	(J)	0.000530	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00025	(J)	0.000530	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.000920		0.000530	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.000290	(J)	0.000530	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.000700		0.000530	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.000530	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000670		0.000530	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.000810		0.000530	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.000740		0.000530	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.00059	(J)	0.000530	mg/L	1

Total Number of Blanks = 11
Total Number above Detection Limit = 6

Concentration Range 0.00067 - 0.00092Maximum Detection Limit = 0.00053

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

* - Value considered suspect, refer to QC report

1

mg/L

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
*							
	SW6010 - Metals Beryllium						
Type of Blank :	Equipment Blank						
07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.00034	(J)	0.000554	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.00007	(J)	0.000554	mg/L	1
Tot	al Number of Blanks = 2		Con	centra	ation Range N	 C	
Tot	al Number above Detectio	n Limit = 0	Max	imum [Detection Limit	= 0.000554	
Method ·	SW6010 - Metals	•					
	Beryllium						
ype of Blank :	Method Blank						
06/23/93	BLK93-716	EMJA61306222200	0.000130	(J)	0.000550	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	-0.00025	(J)	0.000550	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00013	(1)	0.000554	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.00031	(J)	0.000554	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.00024	(J)	0.000554	mg/L	1
9/07/93	BLK932289	EMJA61309071000	0.000150	(J)	0.000554	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000450	(J)	0.000554	mg/L	1
9/24/93	BLK932672	EMJA61309240100	-0.00075	(J)	0.000554	mg/L	1
19/24/93	BLK932755	EMJA61309240100	-0.00038	(J)		mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00055	(J)	0.000554	mg/L	1
.0/05/93 	BLK932764	EMJA61310051000	0.000350	(J)	0.000554	mg/L	1
	al Number of Blanks = 11				tion Range NC		
Tota	al Number above Detection	n Limit = 0	Maxi	mum D	etection Limit	= 0.000554	
Mathad .	SW6010 - Metals						
Analyte :							
ype of Blank :	Equipment Blank						
07/01/93	04- MW -01-EB-03	EMJA61307012200	0.000190	(J)	0.0017	mg/L	1
9/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0014	(J)		mg/L	· 1
Tota	 al Number of Blanks = 2		Conc	entra	tion Range NC		

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00172

Method : SW6010 - Metals

Analyte : Cadmium

Type of Blank : Method Blank

 \star - Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	thod : SW6010 - Metals lyte : Cadmium, cont.	s					
Type of B	lank : Method Blank					·	
06/23/93	BLK93-661	EMJA61306222200	0.000320	(J)	0.0017	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0021	(J)	0.0017	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00071	(J)	0.0017	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0026		0.0017	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0014	(J)	0.0017	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.000530	(J)	0.0017	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000080	(J)	0.0017	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000860	(J)	0.0017	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.000560	(J)	0.0017	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.000900	(J)	0.0017	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0011	(J)	0.0017	mg/L	1
Tot	al Number of Blanks =	11	Con	centrai	ion Range 0	.0026 - 0.0	0026
Tot	al Number above Detect	cion Limit = 1	Max	imum De	etection Limit	= 0.00172	

Type of Blank : Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	1.1		0.15	mg/L	1	
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.063	(J)	0.15	mg/L	1	

Total Number of Blanks = 2

Total Number above Detection Limit = 1

Concentration Range 1.1 - 1.1

Maximum Detection Limit = 0.148

Method : SW6010 - Metals

Analyte : Calcium

Type of Blank : Method Blank

06/23/93	BLK93-716	EMJA61306222200	0.074	(J)	0.15	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.064	(J)	0.15	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.018	(7)	0.15	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.060	(J)	0.15	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.040	(J)	0.15	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.047	(J)	0.15	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0079	(J)	0.15	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.027	(J)	0.15	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.029	(J)	0.15	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.036	(J) ·	0.15	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.021	(J)	0.15	mg/L	1

RΙ		

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method: SW6010 - Metals Analyte : Calcium, cont.

Type of Blank : Method Blank

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.15

Method: SW6010 - Metals

Analyte : Chromium

Type of Blank: Equipment Blank

(J) 0.0025 07/01/93 04-MW-01-EB-03 EMJA61307012200 0.000360 mg/L 09/01/93 07-SW-07-EB-01 (J) 0.0025 EMJA61309010000 0.0011 mg/L

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00249

Method: SW6010 - Metals

Analyte : Chromium

Type of Blank: Method Blank

06/23/93	BLK93-716	EMJA61306222200	-0.00078	(J)	0.0025	mg/L	1	
06/23/93	BLK93-661	EMJA61306222200	0.000880	(J)	0.0025	mg/L	1	
07/01/93	BLK93-784	EMJA61307012200	0.000340	(J)	0.0025	mg/L	1	
08/27/93	BLK932205	EMJA61308271100	-0.0020	(J)	0.0025	mg/L	1	
09/01/93	BLK932289	EMJA61309010000	-0.00098	(J)	0.0025	mg/L	1	
09/07/93	BLK932289	EMJA61309071000	0.0018	(٦)	0.0025	mg/L	1	
09/17/93	BLK932614	EMJA61309171000	0.000060	(J)	0.0025	mg/L	1	
09/24/93	BLK932672	EMJA61309240100	-0.00053	(J)	0.0025	mg/L	1	
09/24/93	BLK932755	EMJA61309240100	0.0027		0.0025	mg/L	1	
09/30/93	BLK932755	EMJA61309301400	0.0034		0.0025	mg/L	1	
10/05/93	BLK932764	EMJA61310051000	-0.0013	(J)	0.0025	mg/L	1	

Total Number of Blanks = 11

Total Number above Detection Limit = 2

Concentration Range 0.0027 - 0.0034

Maximum Detection Limit = 0.0025

Method: SW6010 - Metals

Analyte : Cobalt

Type of Blank: Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000200	(J)	0.0034	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.00050	(J)	0.0034	mg/L	1

TABLE	B-7
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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW6010 - Metals Analyte : Cobalt, cont.

Type of Blank : Equipment Blank

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0034

Method: SW6010 - Metals

Analyte : Cobalt

Type of Blank: Method Blank

06/23/93	BLK93-716	EMJA61306222200	-0.00075	(J)	0.0034	mg/L	1
06/23/93	BLK93-661	- EMJA61306222200	-0.0019	(J)	0.0034	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.0020	(J)	0.0034	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0039		0.0034	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.0018	(J)	0.0034	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0011	(J)	0.0034	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0022	(J)	0.0034	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000580	(J)	0.0034	mg/L	1
09/24/93	BLK932755	EMJA61309240100	-0.00059	(J)	0.0034	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00043	(י)	0.0034	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0026	(J)	0.0034	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 1

Concentration Range 0.0039 - 0.0039

Maximum Detection Limit = 0.0034

Method: SW6010 - Metals

Analyte : Copper

Type of Blank: Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000190	(J)	0.0038	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0046		0.0038	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 1

Concentration Range 0.0046 - 0.0046

Maximum Detection Limit = 0.00381

Method: SW6010 - Metals

Analyte : Copper

Type of Blank: Method Blank

06/23/93	BLK93-716	EMJA61306222200	0.000920	(J)	0.0038	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.0094		0.0038	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.000930	(J)	0.0038	mg/L	1

NC = Not Calculable Compiled: 21 April 1994 ND = Not Detected

Method : SW6010 - Metals Analyte : Copper, cont. Type of Blank : Method Blank 08/27/93	ID ID RESULT LIMIT UNITS FACTOR	IMIT UNITS	DETECT LIM:	Т	RESULT	BATCH ID	SAMPLE ID	DATE ANALYZED
Analyte : Copper, cont. Type of Blank : Method Blank 8/27/93				-				
Type of Blank: Method Blank 8/27/93	D10 - Metals						Method : SW6010 - Metals	
8/27/93 BLK932205 EMJA61308271100 0.024 0.0038 mg/L 8/30/93 BLK932017 EMJA61308301200 0.018 0.0038 mg/L 9/01/93 BLK932289 EMJA61309010000 -0.0028 (J) 0.0038 mg/L 9/07/93 BLK932289 EMJA61309071000 0.0050 0.0038 mg/L 9/17/93 BLK932614 EMJA61309171000 0.0017 (J) 0.0038 mg/L 9/24/93 BLK932672 EMJA61309240100 0.0034 (J) 0.0038 mg/L 9/24/93 BLK932755 EMJA61309240100 0.0019 (J) 0.0038 mg/L 9/30/93 BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	per, cont.						Analyte : Copper, cont.	
BLK932017 EMJA61308301200 0.018 0.0038 mg/L BLK932289 EMJA61309010000 -0.0028 (J) 0.0038 mg/L BLK932289 EMJA61309071000 0.0050 0.0038 mg/L BLK932614 EMJA61309171000 0.0017 (J) 0.0038 mg/L BLK932614 EMJA61309171000 0.0017 (J) 0.0038 mg/L BLK932672 EMJA61309240100 0.0034 (J) 0.0038 mg/L BLK932755 EMJA61309240100 0.0019 (J) 0.0038 mg/L BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	nod Blank						of Blank : Method Blank	Туре
09/01/93 BLK932289 EMJA61309010000 -0.0028 (J) 0.0038 mg/L 09/07/93 BLK932289 EMJA61309071000 0.0050 0.0038 mg/L 09/17/93 BLK932614 EMJA61309171000 0.0017 (J) 0.0038 mg/L 09/24/93 BLK932672 EMJA61309240100 0.0034 (J) 0.0038 mg/L 09/24/93 BLK932755 EMJA61309240100 0.0019 (J) 0.0038 mg/L 09/30/93 BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	32205 EMJA61308271100 0.024 0.0038 mg/L 1	0038 mg/L	0.003		0.024	EMJA61308271100	BLK932205	08/27/93
09/07/93 BLK932289 EMJA61309071000 0.0050 0.0038 mg/L 09/17/93 BLK932614 EMJA61309171000 0.0017 (J) 0.0038 mg/L 09/24/93 BLK932672 EMJA61309240100 0.0034 (J) 0.0038 mg/L 09/24/93 BLK932755 EMJA61309240100 0.0019 (J) 0.0038 mg/L 09/30/93 BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	32017 EMJA61308301200 0.018 0.0038 mg/L 1	0038 mg/L	0.003		0.018	EMJA61308301200	BLK932017	08/30/93
09/17/93 BLK932614 EMJA61309171000 0.0017 (J) 0.0038 mg/L 09/24/93 BLK932672 EMJA61309240100 0.0034 (J) 0.0038 mg/L 09/24/93 BLK932755 EMJA61309240100 0.0019 (J) 0.0038 mg/L 09/30/93 BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	82289 EMJA61309010000 -0.0028 (J) 0.0038 mg/L 1	0038 mg/L	0.003	(J)	-0.0028	EMJA61309010000	BLK932289	9/01/93
09/24/93 BLK932672 EMJA61309240100 0.0034 (J) 0.0038 mg/L 09/24/93 BLK932755 EMJA61309240100 0.0019 (J) 0.0038 mg/L 09/30/93 BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	32289 EMJA 61309071000 0.0050 0.0038 mg/L 1	0038 mg/L	0.003		0.0050	EMJA61309071000	BLK932289	09/07/93
09/24/93 BLK932755 EMJA61309240100 0.0019 (J) 0.0038 mg/L 09/30/93 BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	2614 EMJA61309171000 0.0017 (J) 0.0038 mg/L 1	0038 mg/L	0.003	(J)	0.0017	EMJA61309171000	BLK932614	09/17/93
09/30/93 BLK932755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L	32672 EMJA61309240100 0.0034 (J) 0.0038 mg/L 1	0038 mg/L	0.003	(J)	0.0034	EMJA61309240100	BLK932672	9/24/93
(-,	32755 EMJA61309240100 0.0019 (J) 0.0038 mg/L 1	0038 mg/L	0.003	(J)	0.0019	EMJA61309240100	BLK932755	9/24/93
- 1 1	82755 EMJA61309301400 -0.00039 (J) 0.0038 mg/L 1	0038 mg/L	0.003	(J)	-0.00039	EMJA61309301400	BLK932755	9/30/93
.0/05/93 BLK932764 EMJA61310051000 0.0060 0.0038 mg/L	2764 EMJA61310051000 0.0060 0.0038 mg/L 1	0038 mg/L	0.003		0.0060	EMJA61310051000	BLK932764	.0/05/93
Total Number of Blanks = 12 Concentration Range 0.0050 -	of Blanks = 12	 Range 0.0050 - (ation Rar	ncentr	Со		Total Number of Blanks = 12	
Total Number above Detection Limit = 5 Maximum Detection Limit = 0.00381	above Detection Limit = 5 Maximum Detection Limit = 0.00381	ion Limit = 0.00381	Detection	aximum l	Ma	Limit = 5	Total Number above Detection	

Type of Blank : Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	0.16	0.0060	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0068	0.0060	mg/L	1

Total Number of Blanks = 2

Concentration Range 0.0068 - 0.16 Maximum Detection Limit = 0.00596

Total Number above Detection Limit = 2

Method : SW6010 - Metals

Analyte : Iron

Type of Blank : Method Blank

06/23/93	BLK93-661	EMJA61306222200	0.0093		0.0060	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.010		0.0060	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.0017	(J)	0.0060	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0084		0.0060	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.0042	(J)	0.0060	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0057	(J)	0.0060	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0020	(J)	0.0060	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0080		0.0060	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0037	(J)	0.0060	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0022	(J)	0.0060	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0048	(J)	0.0060	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 4

Concentration Range 0.0080 - 0.010 Maximum Detection Limit = 0.006

TABLE B-7	Т	AB	LE	: 8	-7
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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW6010 - Metals Analyte : Iron, cont.

Type of Blank: Method Blank

Method: SW6010 - Metals

Analyte : Lead

Type of Blank : Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.0034	(J)	0.027	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.025	(J)	0.027	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.027

Method : SW6010 - Metals

Analyte : Lead

Type of Blank : Method Blank

06/23/93	BLK93-716	EMJA61306222200	0.024	(J)	0.027	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.000800	(J)	0.027	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.012	(J)	0.027	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0039	(J)	0.027	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.013	(J)	0.027	mg/L	. 1
09/07/93	BLK932289	EMJA61309071000	-0.0061	(J)	0.027	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0061	(J)	0.027	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.023	(J)	0.027	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.010	(J)	0.027	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0011	(J)	0.027	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0030	(J)	0.027	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.027

Method: SW6010 - Metals Analyte : Magnesium

Type of Blank: Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	0.10		0.023	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0055	(J)	0.023	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 1

Concentration Range 0.10 -

Maximum Detection Limit = 0.0228

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW6010 - Metals Analyte: Magnesium, cont.

Type of Blank : Equipment Blank

Method : SW6010 - Metals Analyte : Magnesium

Type of Blank : Method Blank

06/23/93	BLK93-661	EMJA61306222200	0.000490	(J)	0.023	mg/L	1 .
06/23/93	BLK93-716	EMJA61306222200	-0.0076	(J)	0.023	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.013	(J)	0.023	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0095	(J)	0.023	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0090	(J)	0.023	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0075	(J)	0.023	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.0092	(J)	0.023	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.020	(J)	0.023	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.029		0.023	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0057	(J)	0.023	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.012	(J)	0.023	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 1

Concentration Range 0.029 -

Maximum Detection Limit = 0.023

Method: SW6010 - Metals Analyte : Manganese

Type of Blank : Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	0.0098	0.000395	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.0013	0.000395	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 2

Concentration Range 0.0013 - 0.0098 Maximum Detection Limit = 0.000395

Method : SW6010 - Metals Analyte : Manganese

Type of Blank: Method Blank

06/23/93	BLK93-716	EMJA61306222200	-0.00096	(J)	0.000390	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.000240	(J)	0.000390	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.00	(J)	0.000395	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.000560		0.000395	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.00	(J)	0.000395	mg/L	1

TABLE B-7	T.	AB	L	Ε	B-	7
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DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT LIMIT			UNITS	FACTOR
Me	ethod : SW6010 - Metals						
Ana	lyte : Manganese, cont.						
Type of B	lank : Method Blank						
9/07/93	BLK932289	EMJA61309071000	0.00	(J)	0.000395	mg/L	1
9/17/93	BLK932614	EMJA61309171000	0.000330	(J)	0.000395	mg/L	1
9/24/93	BLK932672	EMJA61309240100	0.00	(J)	0.000395	mg/L	1
9/24/93	BLK932755	EMJA61309240100	0.000160	(J)	0.000395	mg/L	1
9/30/93	BLK932755	EMJA61309301400	-0.0011	(J)	0.000395	mg/L	1
0/05/93	BLK932764	EMJA61310051000	0.00	(J)	0.000395	mg/L	1

Total Number above Detection Limit = 1

Concentration Range 0.00056 - 0.00056

Maximum Detection Limit = 0.000395

Method : SW6010 - Metals Analyte : Molybdenum

Type of Blank : Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.0030	(J)	0.0046	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0021	(J)	0.0046	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00463

Method : SW6010 - Metals Analyte : Molybdenum

Type of Blank : Method Blank

06/23/93	BLK93-661	EMJA61306222200	-0.0016	(J)	0.0046	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0050	(J)	0.0046	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.0030	(J)	0.0046	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.0010	(J)	0.0046	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0011	(J)	0.0046	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0024	(7)	0.0046	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0012	(J)	0.0046	mg/L	1
09/24/93	BLK932755	EMJA61309240100	-0.00031	(J)	0.0046	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.0028	(J)	0.0046	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0040	(J)	0.0046	mg/L	1

Total Number of Blanks = 10

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00463

	ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	SW6010 - Metals Nickel						
: 1	Nickei						
: 1	Equipment Blank						
	04-MW-01-EB-		-0.0030	(J)	0.0099	mg/L	1
	07-SW-07-EB-	1 EMJA61309010000	-0.00070	(٦)	0.0099	mg/L	1
tal	al Number of Blank	= 2	Con	centra	tion Range	 NC	
tal	al Number above De	ection Limit = 0			etection Limit		
: 5	SW6010 - Metals						
	Nickel						
: M	Method Blank		•				
	BLK93-716	EMJA61306222200	-0.0012	(J)	0.0099	mg/L	1
	BLK93-661	EMJA61306222200	-0.0030	(J)	0.0099	mg/L	1
	BLK93-784	EMJA61307012200	-0.0014	(J)	0.0099	mg/L	1
	BLK932205	EMJA61308271100	-0.0021	(J)	0.0099	mg/L	1
	BLK932289	EMJA61309010000	0.0051	(J)	0.0099	mg/L	1
	BLK932289	EMJA61309071000	0.0032	(J)	0.0099	mg/L	1
	BLK932614	EMJA61309171000	ND	(0)	0.0099	mg/L	1
	BLK932672	EMJA61309240100	0.0020	(3)	0.0099	mg/L	1
	BLK932755	EMJA61309240100	0.0012	(J)	0.0099	mg/L	1
	BLK932755	EMJA61309301400	-0.0028	(J)	0.0099	mg/L	1
	BLK932764	EMJA61310051000	-0.00014	(1)	0.0099	mg/L	1
 tal	al Number of Blank	 = 11	Con		ion Range N		
	Number above De				ion Range N tection Limit		
			1142		COCTON LIMIT	- 0.0033	
. (1	SW6010 - Metals						
	Potassium						
: E	Equipment Blank						
	04-MW-01-EB-(EMJA61307012200	0 25		0 0029	ma / !	1
	07-SW-07-EB-0		-0.014	(J)	0.0029	mg/L	1
 . _a 1	Number of Plants						·
		_					5
: :a1	04-MW-01-EB-0	EMJA61309010000	-0.014 C	onc	(J) oncentrat	oncentration Range 0	

Method : SW6010 - Metals Analyte : Potassium

Type of Blank : Method Blank

Compiled: 21 April 1994

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
	Method : SW6010 - Metals						
	Analyte : Potassium, cont.						
Туре	of Blank : Method Blank						
6/23/93	BLK93-661	EMJA61306222200	-0.13	(J)	0.37	mg/L	1
6/23/93	BLK93-716	EMJA61306222200	-0.17	(J)	0.37	mg/L	1
7/01/93	BLK93-784	EMJA61307012200	0.24		0.0029	mg/L	1
8/27/93	BLK932205	EMJA61308271100	-0.37	(J)	0.0029	mg/L	1
9/01/93	BLK932289	EMJA61309010000	-0.083	(J)	0.0029	mg/L	1
9/07/93	BLK932289	EMJA61309071000	-0.027	(ט)	0.0029	mg/L	1
9/17/93	BLK932614	EMJA61309171000	ND		0.0029	mg/L	1
9/24/93	BLK932672	EMJA61309240100	0.38		0.37	mg/L	1
9/24/93	BLK932755	EMJA61309240100	0.16	(1)	0.37	mg/L	1
9/30/93	BLK932755	EMJA61309301400	-0.043	(J)	0.37	mg/L	1
0/05/93	BLK932764	EMJA61310051000	0.014	(ປ)	0.37	mg/L	1
	Total Number of Blanks = 1	1	Con	centrai	tion Range (0.24 - 0.3	18
	Total Number above Detecti	on Limit = 2	Max	imum De	etection Limit	: = 0.37	
	od : SW6010 - Metals						
Analy	rte : Selenium						
ype of Bla	nk : Equipment Blank						
7/01/93	04-MW-01-EB-03	EMJA61307012200	-0.0017	(J)	0.042	mg/L	1
						mg/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0417

Method : SW6010 - Metals Analyte : Selenium

Type of Blank : Method Blank

06/23/93	BLK93-661	EMJA61306222200	-0.015	(J)	0.042	mg/L	1
06/23/93	BLK93-716	. EMJA61306222200	0.0054	(J)	0.042	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	-0.00036	(J)	0.042	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0043	(J)	0.042	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0080	(J)	0.042	mg/L	1
09/07/93	BLK932289	EMJA61309071000	-0.0057	(J)	0.042	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.040	(J)	0.042	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0060	(J)	0.042	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.017	(J)	0.042	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.0066	(J)	0.042	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.030	(J)	0.042	mg/L	1

ND = Not Detected

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method: SW6010 - Metals Analyte : Selenium, cont.

Type of Blank: Method Blank

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.042

Method: SW6010 - Metals

Analyte : Silver

Type of Blank: Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	0.000810	(J)	0.0049	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0030	(J)	0.0049	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00492

Method : SW6010 - Metals

Analyte : Silver

Type of Blank: Method Blank

06/23/93	BLK93-716	EMJA61306222200	0.000480	(J)	0.0049	mg/L	1	
06/23/93	BLK93-661	EMJA61306222200	0.0020	(J)	0.0049	mg/L	1	
07/01/93	BLK93-784	EMJA61307012200	0.00	(J)	0.0049	mg/L	1	
08/27/93	BLK932205	EMJA61308271100	0.0015	(J)	0.0049	mg/L	1	
09/01/93	BLK932289	EMJA61309010000	-0.0019	(J)	0.0049	mg/L	1	
09/07/93	BLK932289	EMJA61309071000	-0.00058	(J)	0.0049	mg/L	1	
09/17/93	BLK932614	EMJA61309171000	ND		0.0049	mg/L	1	
09/24/93	BLK932755	EMJA61309240100	0.0023	(J)	0.0049	mg/L	1	
09/24/93	BLK932672	EMJA61309240100	0.0015	(J)	0.0049	mg/L	1	
09/30/93	BLK932755	EMJA61309301400	-0.00020	(J)	0.0049	mg/L	1	
10/05/93	BLK932764	EMJA61310051000	-0.0027	(J)	0.0049	mg/L	1	

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00492

Method: SW6010 - Metals

Analyte : Sodium

Type of Blank : Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	1.7	0.040	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	0.060	0.040	mg/L	1

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		D.	L	L	U		,

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR

Method: SW6010 - Metals Analyte : Sodium, cont.

Type of Blank: Equipment Blank

Total Number of Blanks = 2

Total Number above Detection Limit = 2

Concentration Range 0.060 -Maximum Detection Limit = 0.0397

Method: SW6010 - Metals

Analyte : Sodium

Type of Blank: Method Blank

06/23/93	BLK93-661	EMJA61306222200	0.041		0.040	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.038	(J)	0.040	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.024	(J)	0.040	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.026	(J)	0.040	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.037	(J)	0.040	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.040		0.040	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.025	(J)	0.040	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.040		0.040	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.054		0.040	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.069		0.040	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.019	(J)	0.040	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 5

Concentration Range 0.040 -

Maximum Detection Limit = 0.04

Method: SW6010 - Metals Analyte : Thallium

Type of Blank : Equipment Blank

EMJA61307012200 0.0092 (J) 0.017 mg/L 07/01/93 04-MW-01-EB-03 0.017 mg/L 1 09/01/93 EMJA61309010000 -0.0076 07-SW-07-EB-01

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0172

Method: SW6010 - Metals

Analyte : Thallium

Type of Blank: Method Blank

06/23/93	BLK93-716	EMJA61306222200	-0.014	(J)	0.017	mg/L	1
06/23/93	BLK93-661	EMJA61306222200	0.0013	(J)	0.017	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.016	(J)	0.017	mg/L	1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Me	ethod : SW6010 - Metals						
Ana	alyte : Thallium, cont.						
Type of E	Blank : Method Blank						
08/27/93	BLK932205	EMJA61308271100	0.0042	(J)	0.017	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0096	(J)	0.017	mg/L	1
		FW1401000071000	0 0070	(1)	0.017	41	1
9/07/93	BLK932289	EMJA61309071000	-0.0073	(J)	0.017	mg/L	1
	BLK932289 BLK932614	EMJA61309071000 EMJA61309171000	-0.00/3 0.015	(J)	0.017	mg/L mg/L	1
9/17/93						-	1 1
09/17/93 09/24/93	BLK932614	EMJA61309171000	0.015	(J)	0.017	mg/L	1 1 1
09/07/93 09/17/93 09/24/93 09/24/93 09/30/93	BLK932614 BLK932672	EMJA61309171000 EMJA61309240100	0.015 0.012	(J)	0.017 0.017	mg/L mg/L	1 1 1 1

Method : SW6010 - Metals

Analyte : Vanadium

Type of Blank : Equipment Blank

07/01/93	04-MW-01-EB-03	EMJA61307012200	-0.00009	(J)	0.0024	mg/L	1
09/01/93	07-SW-07-EB-01	EMJA61309010000	-0.0025	(J)	0.0024	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00236

Method : SW6010 - Metals

Analyte : Vanadium

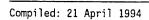
Type of Blank: Method Blank

06/23/93	BLK93-661	EMJA61306222200	-0.00035	(J)	0.0024	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	-0.0016	(J)	0.0024	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.000480	(J)	0.0024	mg/L	1
08/27/93	BLK932205	EMJA61308271100	-0.0011	(J)	0.0024	mg/L	1
09/01/93	BLK932289	EMJA61309010000	-0.0029	(J)	0.0024	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.0011	(J)	0.0024	mg/L	1
09/17/93	BLK932614	EMJA61309171000	0.000130	(J)	0.0024	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0019	(J)	0.0024	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.0017	(J)	0.0024	mg/L	1
09/30/93	BLK932755	EMJA61309301400	-0.00092	(J)	0.0024	mg/L	1
10/05/93	BLK932764	EMJA61310051000	-0.0019	(J)	0.0024	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.0024



ND = Not Detected NC = Not Calculable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method :	SW6010 - Metals					
Analyte :						
Analyte :						
Analyte :	Zinc	EMJA61307012200	0.0078	0.0015	mg/L	1

Method : SW6010 - Metals

Analyte : Zinc

Type of Blank : Method Blank

06/23/93	BLK93-661	EMJA61306222200	0.0033		0.0015	mg/L	1
06/23/93	BLK93-716	EMJA61306222200	0.0016		0.0015	mg/L	1
07/01/93	BLK93-784	EMJA61307012200	0.000880	(J)	0.0015	mg/L	1
08/27/93	BLK932205	EMJA61308271100	0.000600	(J)	0.0015	mg/L	1
09/01/93	BLK932289	EMJA61309010000	0.0013	(J)	0.0015	mg/L	1
09/07/93	BLK932289	EMJA61309071000	0.000830	(J)	0.0015	mg/L	1
09/17/93	BLK932614	EMJA61309171000	ND		0.0015	mg/L	1
09/24/93	BLK932755	EMJA61309240100	0.0015	(J)	0.0015	mg/L	1
09/24/93	BLK932672	EMJA61309240100	0.000400	(J)	0.0015	mg/L	1
09/30/93	BLK932755	EMJA61309301400	0.000850	(J)	0.0015	mg/L	1
10/05/93	BLK932764	EMJA61310051000	0.0015		0.0015	mg/L	. 1

Total Number of Blanks = 11

Total Number above Detection Limit = 3

Concentration Range 0.0015 - 0.0033

Maximum Detection Limit = 0.00153

Method : SW7060 - Arsenic

Analyte : Arsenic

Type of Blank : Equipment Blank

07/02/93	04-MW-01-EB-03	AAZ3307020800	-0.0019	(J) 0.000657	mg/L	1
08/30/93	07-SW-07-EB-01	AAZ3308301727	-0.0021	(J) 0.000657	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.000657

Method: SW7060 - Arsenic

Analyte : Arsenic

Type of Blank: Method Blank

DATE	SAMPLE	BATCH			DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
	ethod : SW7060 - Arsenic alyte : Arsenic, cont.						
Type of	Blank : Method Blank						
06/30/93	BLK93771	AAZ3306300800	-0.00090	(J)	0.000650	mg/L	1
07/02/93	BLK93785	AAZ3307020800	-0.0025	(J)	0.000657	mg/L	1
07/02/93	BLK93805	AAZ3307020800	-0.0021	(J)	0.000657	mg/L	1
08/16/93	BLK932018	AAZ3308161900	-0.0014	(J)	0.000657	mg/L	1
08/30/93	9308169	AAZ3308301727	ND		0.000657	mg/L	1
08/30/93	BLK932288	AAZ3308301727	-0.0018	(J)	0.000657	mg/L	1
09/17/93	BLK932613	AAZ3309171648	ND		0.000657	mg/L	1
09/21/93	BLK932673	AAZ3309210922	ND		0.000657	mg/L	1
09/29/93	BLK932754	AAZ3309290855	-0.0017	(J)	0.000657	mg/L	1
10/04/93	BLK932766	AAZ4310041600	ND		0.000984	mg/L	1
	tal Number above Detectio : SW7421 - Lead	n Limit = O			ation Range N Detection Limit	= 0.000984	
Analyte		,					
ype of Blank	: Equipment Blank						
07/19/93	04-MW-01-EB-03	AAZ2307191600	0.0025		0.0011	mg/L	1
08/30/93 	07-SW-07-EB-01	AAZ3308301408	0.011		0.0011	mg/L	1
	cal Number of Blanks = 2		Conc	entra	tion Range 0	.0025 - 0.0	11
Tot	al Number above Detection	n Limit = 2	Maxi	mum D	etection Limit	= 0.0011	
Method :	SW7421 - Lead						
Analyte :	Lead						
ype of Blank :	Method Blank						
6/25/93	BLK93771	AAZ2306251600	-0.0028	(J)	0.0011	mg/L	1
7/06/93	BLK93805	AAZ2_307060800	-0.0024	(J)	0.0011	mg/L	1
7/19/93	BLK91318	AAZ2307191600	0.0016	. •	0.0011	mg/L	1
8/16/93	BLK932018	AAZ1308161600	0.0029		0.000800	mg/L	1
0/00/00	DI 202000	1170 000001100					
8/30/93	BLK932288	AAZ3308301408	-0.0014	(J)	0.0011	mg/L	1
8/30/93 8/30/93	BLK932288 BLK932288	AAZ3308301408 AAZ3308301408	-0.0014 ND	(J)	0.0011 0.0011	mg/L mg/L	1 1

BLK932613

BLK932613

BLK932673

BLK932754

BLK932925

Concentration Range 0.00080 - 0.0029

0.000800

0.000800

0.000800

(J) 0.0011

(J) 0.000800

mg/L

mg/L

mg/L

mg/L

mg/L

09/16/93

09/20/93

09/21/93

09/28/93

0.0020

0.0010

ND

0.00

0.000800

1

AAZ1__309161600

AAZ2__309201600

AAZ1__309211500

AAZ1__309281100

AAZ1__310040900

DATE	SAMPLE	BATCH	-		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
-*		*********					
	ethod : SW7421 - Lead						
An	alyte : Lead, cont.						
Type of	Blank : Method Blank						
То	tal Number above Detectio	n Limit = 4	Max	imum C	Detection Limit	= 0.0011	
	: SW7470 - Mercury : Mercury						
pe of Blank	: Equipment Blank						
7/01/93	04-MW-01-EB-03	AAZ4306302300	-0.00006	(J)	0.000048	mg/L	1
/01/93	07-SW-07-EB-01	AAZ4309012045	0.000060		0.000048	mg/L	1
To Method	tal Number of Blanks = 2 tal Number above Detection : SW7470 - Mercury : Mercury	n Limit = 1			tion Range (Detection Limit		
	: Method Blank						
5/17/93	BLK93673	AAZ4306172100	0.000020	(J)	0.000048	mg/L	1
5/22/93	BLK93720	AAZ4306220000	-0.00010		0.000048	mg/L	1
/24/93	BLK93795	AAZ4_306242300	0.000190		0.000048	mg/L	1
5/24/93	BLK93795	AAZ3_306242300	0.000190		0.000050	mg/L	1
/30/93	BLK93913	AAZ4306302300.	-0.00009	(J)	0.000048	mg/L	1
/17/93	BLK932079	AAZ4308162200	0.000030		0.000048	mg/L	1
3/24/93	BLK932235	AAZ4308242100	-0.00008		0.000048	mg/L	1
0/01/93	BLK932409	AAZ4309012045	-0.00010	(J)	0.000048	mg/L	1
/14/93	BLK932609	AAZ4309142145	0.000090		0.000048	mg/L	1
/23/93	BLK932804	AAZ4309232100	-0.00008	(J)	0.000048	mg/L	1
					ition Range (nnn19
-	tal Number of Blanks = 10						
	tal Number above Detection	on Limit = 3	Max	imum L	etection Limit	= 0.00005	

Type of Blank : Equipment Blank

07/13/93	04-MW-01-EB-03	AAZ4307130852	-0.0028	(ט)	0.0014	mg/L	1
08/30/93	07-SW-07-EB-01	AAZ3308302042	-0.0018	(J)	0.000843	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00144

* - Value considered suspect, refer to QC report

DATE SAMPLE BATCH DETECTION D.	NALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	DATE	SAMPLE	BATCH			DILUTION	

Method: SW7740 - Selenium Analyte : Selenium, cont.

Type of Blank: Equipment Blank

Method: SW7740 - Selenium

Analyte : Selenium

Type of Blank : Method Blank

07/08/93	BLK93771	AAZ4_307080820	-0.0021	(J)	0.0014	mg/L	1
07/08/93	BLK93771	AAZ4307081152	-0.0019	(J)	0.0014	mg/L	1
07/09/93	BLK93771	AAZ4307090859	-0.0014	(J)	0.0014	mg/L	1
07/13/93	BLK93776	AAZ4307130852	-0.0014	(J)	0.0014	mg/L	1
07/14/93	BLK93805	AAZ4307141031	-0.0014	(J)	0.0014	mg/L	1
08/23/93	BLK932018	AAZ4308231116	-0.0011	(J)	0.0014	mg/L	1
08/30/93	BLK932288	AAZ3308302042	ND		0.000843	mg/L	1
09/17/93	BLK932613	AAZ3309172036	ND		0.000843	mg/L	1
10/07/93	BLK932766	AAZ3310071600	-0.0016	(J)	0.000843	mg/L	1
10/07/93	BLK932754	AAZ3310071045	-0.0017	(J)	0.000843	mg/L	1
10/07/93	BLK932673	AAZ3310071045	ND		0.000843	mg/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.00144

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1,1,2-Tetrachloroethane

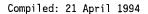
Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.022	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.022	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.040	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.040	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.022	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.040	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.040	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.040	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.022	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.085	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.022	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.085	ug/L	1

Total Number of Blanks = 12

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.0852



ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH			DILUTION	

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1,1,2-Tetrachloroethane

Type of Blank : Equipment Blank

06/30/93 04-MW-01-EB-03 GCQUE1306291223 ND 0.040 ug/L 1 10/07/93 08-GP-01-EB-01 GCTEX1310061111 ND 0.022 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.04

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1,1,2-Tetrachloroethane

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.040	ug/L	1	
06/14/93	BLK93515	GCTEX1306141311	ND	0.022	ug/L	1	
06/16/93	BLK93548	GCTEX1306152237	ND	0.022	ug/L	1	
06/20/93	BLK93554	GCPEA1306201359	ND	0.029	ug/L	1	
06/21/93	BLK93697	GCTEX1306211441	ND	0.022	ug/L	1	
06/23/93	BLK93701	GCQUE1306231533	ND	0.040	ug/L	1	
06/23/93	BLK93700	GCTEX1306222319	ND	0.022	ug/L	1	
06/25/93	BLK93732	GCQUE1306241717	ND	0.040	ug/L	1	
06/25/93	BLK93731	GCTEX1306250629	ND	0.022	ug/L	1	
06/27/93	BLK93828	GCQUE1306271713	ND	0.040	ug/L	1	
08/10/93	BLK931831	GCPEA1308101540	ND	0.029	ug/L	1	
08/11/93	BLK931834	GCJAY1308111427	ND	0.085	ug/L	1	
08/16/93	BLK931977	GCPEA1308161047	ND	0.029	ug/L	1	
08/23/93	BLK931997	GCTEX1308231220	ND	0.022	ug/L	1	
08/25/93	BLK932000	GCTEX1308242018	ND	0.022	ug/L	1	
09/15/93	BLK932371	GCJAY1309150130	ND	0.085	ug/L	1	
09/20/93	BLK932379	GCJAY1309201444	ND	0.085	ug/L	1	
09/22/93	BLK932683	GCTEX1309221032	ND	0.022	ug/L	1	
09/22/93	BLK932686	GCQUE1309221453	ND	0.043	ug/L	1	
09/23/93	BLK932687	GCJAY1309231030	ND	0.085	ug/L	1	
09/23/93	BLK932690	GCTEX1309231506	ND	0.022	ug/L	1	
10/04/93	BLK932891	GCPEA1310041056	ND	0.029	ug/L	1	
10/06/93	BLK932895	GCTEX1310061111	ND	0.022	ug/L	1	
•							

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0852

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,1,1,2-Tetrachloroethane

Type of Blank: Trip Blank

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-25

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	thod : SW8010 - Halog lyte : 1,1,1,2-Tetrac	enated Volatile Organics hloroethane, cont.				
Type of B	lank : Trip Blank					
6/09/93	BT-01	GCQUE1306091614	ND	0.040	ug/L	1
6/10/93	BT-02	GCQUE1306091614	ND	0.040	ug/L	1
6/14/93	BT-03	GCTEX1306141311	ND	0.022	ug/L	1
6/16/93	BT-04	GCTEX1306152237	ND	0.022	ug/L	1
6/24/93	BT-06	GCQUE1306231533	ND	0.040	ug/L	1
6/25/93	BT-09	GCTEX1306250629	ND	0.022	ug/L	1
6/25/93	BT-10	GCQUE1306241717	ND	0.040	ug/L	1
6/25/93	BT-08	GCQUE1306241717	ND	0.040	ug/L	1
6/28/93	BT-07	GCQUE1306271713	ND	0.040	ug/L	1
8/11/93	BT-11	GCPEA1308101540	ND	0.029	ug/L	1
8/17/93	BT-12	GCPEA1308161047	ND	0.029	ug/L	1
8/25/93	TB-06-02	GCTEX1308242018	ND	0.022	ug/L	1
9/15/93	TB-07-02	GCJAY1309150130	ND	0.085	ug/L	1
9/21/93	TB-08-02	GCJAY1309201444	ND	0.085	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	ND	0.022	ug/L	1
9/24/93	TB-10-02	GCJAY1309231030	ND	0.085	ug/L	1

TB-11-02

TB-14-02

Total Number above Detection Limit = 0

Concentration Range NC

ND

ND

Maximum Detection Limit = 0.0852

0.022

0.029

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,1,1-Trichloroethane

Type of Blank: Ambient Blank

09/24/93

10/05/93

06/15/93	BA-01	GCTEX1306141311	0.26	(K)	0.15	ug/L	1
06/16/93	BA-02	GCTEX1306152237	0.35		0.15	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.092	ug/L	1
06/25/93	BA-07	GCTEX1306250629	0.17		0.15	ug/L	1
06/25/93	BA-09	GCQUE1306241717	0.18		0.092	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.092	ug/L	1
06/25/93	BA-06	GCQUE1306241717	0.29		0.092	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.092	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.15	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.17	ug/L	1
09/23/93	AB-07	GCTEX1309221032	0.19		0.15	ug/L	1
09/24/93	AB-09	GCJAY1309231030	0.015	(J)	0.17	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.15	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.15	ug/L	1

GCTEX1309231506

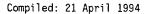
GCPEA1310041056

Total Number of Blanks = 14

Total Number above Detection Limit = 6

Concentration Range 0.17 - 0.35

Maximum Detection Limit = 0.166



ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-26

1

ug/L

ug/L

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ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1,1-Trichloroethane, cont.

Type of Blank : Ambient Blank

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1,1-Trichloroethane

Type of Blank: Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.092	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.15	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.147

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1,1-Trichloroethane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.092	ug/L	1	
06/14/93	BLK93515	GCTEX1306141311	ND	0.15	ug/L	1	
06/16/93	BLK93548	GCTEX1306152237	ND	0.15	ug/L	1	
06/20/93	BLK93554	GCPEA1306201359	· ND	0.14	ug/L	1	
06/21/93	BLK93697	GCTEX1306211441	ND	0.15	ug/L	1	
06/23/93	BLK93701	GCQUE1306231533	0.23	0.092	ug/L	1	
06/23/93	BLK93700	GCTEX1306222319	ND	0.15	ug/L	1	
06/25/93	BLK93732	GCQUE1306241717	ND	0.092	ug/L	1	
06/25/93	BLK93731	GCTEX1306250629	, ND	0.15	ug/L	1	
06/27/93	BLK93828	GCQUE1306271713	ND	0.092	ug/L	1	
08/10/93	BLK931831	GCPEA1308101540	ND	0.14	ug/L	1	
08/11/93	BLK931834	GCJAY1308111427	ND	0.17	ug/L	1	
08/16/93	BLK931977	GCPEA1308161047	ND	0.14	ug/L	1	
08/23/93	BLK931997	GCTEX1308231220	ND	0.15	ug/L	1	
08/25/93	BLK932000	GCTEX1308242018	ND	0.15	ug/L	1	
09/15/93	BLK932371	GCJAY1309150130	ND	0.17	ug/L	1	
09/20/93	BLK932379	GCJAY1309201444	ND	0.17	ug/L	1	
09/22/93	BLK932686	GCQUE1309221453	0.0014	(3) 0.092	ug/L	1	
09/22/93	BLK932683	GCTEX1309221032	ND	0.15	ug/L	1	
09/23/93	BLK932687	GCJAY1309231030	ND	0.17	ug/L	1	
09/23/93	BLK932690	GCTEX1309231506	ND	0.15	ug/L	1	
10/04/93	BLK932891	GCPEA1310041056	0.029	(J) 0.14	ug/L	1	
10/06/93	BLK932895	GCTEX1310061111	ND	0.15	ug/L	1	

Total Number of Blanks = 23

Total Number above Detection Limit = 1

0.23 Concentration Range 0.23 -

Maximum Detection Limit = 0.166

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1,1-Trichloroethane, cont.

Type of Blank : Method Blank

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,1,1-Trichloroethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND		0.092	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.092	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.15	ug/L	1
06/24/93	BT-06	GCQUE1306231533	0.35		0.092	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.092	ug/L	1
06/25/93	BT-08	GCQUE1306241717	0.16		0.092	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.092	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.14	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.14	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.15	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.17	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.17	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	0.38		0.15	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.15	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	0.17	(B)	0.14	ug/L	1
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Total Number of Blanks = 15

Total Number above Detection Limit = 4

Concentration Range 0.16 - 0.38Maximum Detection Limit = 0.166

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,1,2,2-Tetrachloroethane

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.14	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.14	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.14	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.14	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.13	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.14	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.14	ug/L	1
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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1,2,2-Tetrachloroethane, cont.

Type of Blank : Ambient Blank

09/24/93 AB-09 GCJAY1309231030 ND 0.13 ug/L 1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.144

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,1,2,2-Tetrachloroethane

Type of Blank : Equipment Blank

06/30/93 04-MW-01-EB-03 GCQUE1306291223 ND 0.10 ug/L 1 10/07/93 08-GP-01-EB-01 GCTEX1310061111 ND 0.14 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.144

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1,2,2-Tetrachloroethane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.14	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.14	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.043	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.14	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.14	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.14	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.043	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.13	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.043	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.14	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.14	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.13	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	0.13	0.13	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	0.011	(J) 0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.14	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.13	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.14	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.043	ug/L	1

TABLE B-7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1,2,2-Tetrachloroethane, cont.

Type of Blank : Method Blank

GCTEX1310061111 ND 0.14 ug/L 10/06/93 BLK932895

Total Number of Blanks = 23

Concentration Range 0.13 - 0.13

Total Number above Detection Limit = 1

Maximum Detection Limit = 0.144

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1,2,2-Tetrachloroethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1	
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1	
06/14/93	BT-03	GCTEX1306141311	ND	0.14	ug/L	1	
06/16/93	BT-04	GCTEX1306152237	ND	0.14	ug/L	1	
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1	
06/25/93	BT-09	GCTEX1306250629	ND	0.14	ug/L	1	
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1	
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1	
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1	
08/11/93	BT-11	GCPEA1308101540	ND	0.043	ug/L	1	
08/17/93	BT-12	GCPEA1308161047	ND	0.043	ug/L	1	
08/25/93	TB-06-02	GCTEX1308242018	ND	0.14	ug/L	1	
09/15/93	TB-07-02	GCJAY1309150130	ND	0.13	ug/L	1	
09/21/93	TB-08-02	GCJAY1309201444	ND	0.13	ug/L	1	
09/23/93	TB-09-02	GCTEX1309221032	ND	0.14	ug/L	1	
09/24/93	TB-10-02	GCJAY1309231030	ND	0.13	ug/L	1	
09/24/93	TB-11-02	GCTEX1309231506	ND	0.14	ug/L	1	
10/05/93	TB-14-02	GCPEA1310041056	ND	0.043	ug/L	1	

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.144

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,1,2-Trichloroethane

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.045	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.045	ug/L	1

ND = Not Detected NC = Not Calculable Compiled: 21 April 1994

BL		

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8010 - Halog	enated Volatile Organics				
	Analyte : 1,1,2-Trichlor	oethane, cont.				
Туре	of Blank : Ambient Blank					
6/25/93	BA-06	GC0UE1306241717	ND	0.10	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND	0.045	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND	0.12	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND	0.045	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.045	ug/L	1
9/24/93	AB-11	GCTEX1309231506	ND	0.045	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.123

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1,2-Trichloroethane

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.10	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.045	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.1

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1,2-Trichloroethane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.045	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.017	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.045	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.045	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.045	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.017	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.12	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.017	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.045	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.045	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-31

BL	F	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	thod : SW8010 - Haloge	enated Volatile Organics				
Ana	lyte : 1,1,2-Trichloro	ethane, cont.				
Type of B	lank : Method Blank					
9/15/93	BLK932371	GCJAY1309150130	ND	0.12	ug/L	1
9/20/93	BLK932379	GCJAY1309201444	ND	0.12	ug/L	1
9/22/93	BLK932686	GCQUE1309221453	ND	0.10	ug/L	1
3/22/93	BLK932683	GCTEX1309221032	ND	0.045	ug/L	1
9/23/93	BLK932690	GCTEX1309231506	ND	0.045	ug/L	1
0/23/93	BLK932687	GCJAY1309231030	ND	0.12	ug/L	1
0/04/93	BLK932891	GCPEA1310041056	ND	0.017	ug/L	1
1/06/03	DI MO2200E	CCTEV1310061111	ND	0.045	ua/I	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.123

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,1,2-Trichloroethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.045	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.045	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.017	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.017	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.045	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.045	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.12	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.017	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit =

Maximum Detection Limit = 0.123

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,1-Dichloroethane

Type of Blank : Ambient Blank

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
06/15/93	BA-01	GCTEX1306141311	ND	0.022	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.022	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.048	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.048	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.022	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.048	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.022	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.067	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.022	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.022	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.067	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.022	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0666

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,1-Dichloroethane

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.048	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.022	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.048

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,1-Dichloroethane

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.048	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.022	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.022	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.073	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.022	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.048	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.022	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.022	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.048	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.048	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.073	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.067	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.073	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.022	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-33

TABLE B-7	Τ	A	В	L	Ε	В	-7
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DATE	SAMPLE	ВАТСН		DETECTION	•	DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1-Dichloroethane, cont.

Type of Blank : Method Blank

08/25/93	BLK932000	GCTEX1308242018	ND	0.022	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.067	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.067	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.048	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.022	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.067	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.022	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.073	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.022	ug/L [,]	1

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit ≈ 0.0729

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1-Dichloroethane

Type of Blank: Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.048	ug/L	1	
06/10/93	BT-02	GCQUE1306091614	ND	0.048	ug/L	1	
06/14/93	BT-03	GCTEX1306141311	ND	0.022	ug/L	1	
06/16/93	BT-04	GCTEX1306152237	ND	0.022	ug/L	1	
06/24/93	BT-06	GCQUE1306231533	ND	0.048	ug/L	1	
06/25/93	BT-08	GCQUE1306241717	ND	0.048	ug/L	1	
06/25/93	BT-10	GCQUE1306241717	ND	0.048	ug/L	1	
06/25/93	BT-09	GCTEX1306250629	ND	0.022	ug/L	1	
06/28/93	BT-07	GCQUE1306271713	ND	0.048	ug/L	1	
08/11/93	BT-11	GCPEA1308101540	ND	0.073	ug/L	1	
08/17/93	BT-12	GCPEA1308161047	ND	0.073	ug/L	1	
08/25/93	TB-06-02	GCTEX1308242018	ND	0.022	ug/L	1	
09/15/93	TB-07-02	GCJAY1309150130	ND	0.067	ug/L	1	
09/21/93	TB-08-02	GCJAY1309201444	ND	0.067	ug/L	1	
09/23/93	TB-09-02	GCTEX1309221032	ND	0.022	ug/L	1	
09/24/93	TB-11-02	GCTEX1309231506	ND	0.022	ug/L	1	
09/24/93	TB-10-02	GCJAY1309231030	ND	0.067	ug/L	1	
10/05/93	TB-14-02	GCPEA1310041056	ND	0.073	ug/L	1	

Total Number of Blanks = 18

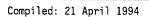
Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0729

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,1-Dichloroethene



ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-34

DATE	
ANALYZED	

DATE	SAMPLE	ВАТСН		DETECTION	DETECTION	
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Type of Blank :	Ambient Blank					
06/15/93	BA-01	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.11	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.11	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.11	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.050	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.11	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.11	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.050	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.11	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.112

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,1-Dichloroethene

Type of Blank: Equipment Blank

10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.11	ug/L	1
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.10	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.112

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,1-Dichloroethene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.11	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.057	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.11	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.11	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.057	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.050	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.057	ug/L	1

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	ethod : SW8010 - Halogo	enated Volatile Organics				
Ana	llyte : 1,1-Dichloroet	nene, cont.				
Type of E	Nank : Method Blank					
8/23/93	BLK931997	GCTEX1308231220	ND	0.11	ug/L	1
3/25/93	BLK932000	GCTEX1308242018	ND	0.11	ug/L	1
9/15/93	BLK932371	GCJAY1309150130	ND	0.050	ug/L	1
9/20/93	BLK932379	GCJAY1309201444	ND	0.050	ug/L	1
9/22/93	BLK932686	GCQUE1309221453	ND	0.096	ug/L	1
9/22/93	BLK932683	GCTEX1309221032	ND	0.11	ug/L	1
9/23/93	BLK932687	GCJAY1309231030	ND	0.050	ug/L	1
/23/93	BLK932690	GCTEX1309231506	ND	0.11	ug/L	1
/04/93	BLK932891	GCPEA1310041056	ND	0.057	ug/L	1
/06/93	BLK932895	GCTEX1310061111	ND	0.11	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.112

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,1-Dichloroethene

Type of Blank : Trip Blank

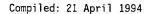
06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.11	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.11	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.057	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.057	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.11	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.050	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.050	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.11	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.050	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.11	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.057	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.112



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DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTIO FACTOR
	: SW8010 - Halogenate : 1,2,3-Trichloroprop					
ype of Blank	: Ambient Blank					
06/15/93	BA-01	GCTEX1306141311	ND	0.11	ug/L	1
6/16/93	BA-02	GCTEX1306152237	ND	0.11	ug/L	1
6/24/93	BA-04	GCQUE1306231533	ND	0.12	ug/L	1
6/25/93	BA-08	GCQUE1306241717	ND	0.12	ug/L	1
6/25/93	BA-07	GCTEX1306250629	ND	0.11	ug/L	1
6/25/93	BA-09	GCQUE1306241717	ND	0.12	ug/L	1
6/25/93	BA-06	GCQUE1306241717	ND	0.12	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.12	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND	0.11	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND	0.11	ug/L	1
9/24/93	AB-11	GCTEX1309231506	ND	0.11	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.11	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.15	ug/L	1
To	otal Number of Blanks	= 13	Concent	ration Range N	С	
To	otal Number above Dete	ection Limit = 0	Maximum	Detection Limit	= 0.154	

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.12	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.11	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.12

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,2,3-Trichloropropane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	0.026	(J)	0.12	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.11	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.11	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.037	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.11	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.12	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.11	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.12	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.12	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
NALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
Μe	ethod : SW8010 - Halog	enated Volatile Organics				
	olyte : 1,2,3-Trichlor	_				
Type of E	Blank : Method Blank					
					,,	
3/10/93	BLK931831	GCPEA1308101540	ND	0.037	ug/L	1
/11/93	BLK931834	GCJAY1308111427	ND	0.15	ug/L	1
/16/93	BLK931977	GCPEA1308161047	ND	0.037	ug/L	1
3/23/93	BLK931997	GCTEX1308231220	ND	0.11	ug/L	1
3/25/93	BLK932000	GCTEX1308242018	ND	0.11	ug/L	1
/15/93	BLK932371	GCJAY1309150130	ND	0.15	ug/L	1
/20/93	BLK932379	GCJAY1309201444	ND	0.15	ug/L	1
/22/93	BLK932686	GCQUE1309221453	ND	0.12	ug/L	1
9/22/93	BLK932683	GCTEX1309221032	ND	0.11	ug/L	1
/23/93	BLK932690	GCTEX1309231506	ND	0.11	ug/L	1
/23/93	BLK932687	GCJAY1309231030	ND	0.15	ug/L	1
/04/93	BLK932891	GCPEA1310041056	ND	0.037	ug/L	1
	55556051	35. 22010011000			3/	_

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.154

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,2,3-Trichloropropane

Type of Blank : Trip Blank

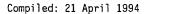
06/09/93	BT-01	GCQUE1306091614	ND	0.12	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.12	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.11	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.11	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.12	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.11	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.12	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.037	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.037	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.11	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.15	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	DИ	0.15	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.11	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.15	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.11	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.037	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.154



ND = Not Detected NC = Not Calculable NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	: SW8010 - Halogenated Vo : 1,2-Dichlorobenzene	latile Organics				
ype of Blank	: Ambient Blank					
06/15/93	BA-01	GCTEX1306141311	ND	0.095	ug/L	1
6/16/93	BA-02	GCTEX1306152237	ND	0.095	ug/L	1
6/24/93	BA-04	GCQUE1306231533	ND	0.17	ug/L	1
6/25/93	BA-06	GCQUE1306241717	ND	0.17	ug/L	1
6/25/93	BA-08	GCQUE1306241717	ND	0.17	ug/L	1
6/25/93	BA-09	GCQUE1306241717	ND	0.17	ug/L	1
6/25/93	BA-07	GCTEX1306250629	ND	0.095	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.17	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND	0.095	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND	0.095	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND	0.089	ug/L	1
9/24/93	AB-11	GCTEX1309231506	ND	0.095	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.095	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.089	ug/L	1
То	tal Number of Blanks = 14	ļ	Concen	tration Range M	IC	
To	tal Number above Detectio	on Limit = 0	Maximu	m Detection Limit	= 0.17	
Method	: SW8010 - Halogenated Vo	olatile Organics				
Analyte	: 1,2-Dichlorobenzene					
Type of Blank	: Equipment Blank					
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.17	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.095	ug/L	1
	tal Number of Blanks = 2			tration Range	IC	
	tal Number above Detection	on Limit = 0		m Detection Limit		
	: SW8010 - Halogenated Ve	-latila Omganica				

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.095	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.095	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.029	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.095	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.17	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.095	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.095	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.17	ug/L	1

NC = Not Calculable ND = Not Detected Compiled: 21 April 1994 \star - Value considered suspect, refer to QC report NA = Not Applicable

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DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
NALYZED	ID	ID 	RESULT	LIMIT	UNITS	FACTOR
	thod : SW8010 - Haloge lyte : 1,2-Dichlorober	enated Volatile Organics				
Type of B	lank : Method Blank					
6/27/93	BLK93828	GCQUE1306271713	0.013	(J) 0.17	ug/L	1
8/10/93	BLK931831	GCPEA1308101540	ND	0.029	ug/L	1
8/11/93	BLK931834	GCJAY1308111427	ND	0.089	ug/L	1
8/16/93	BLK931977	GCPEA1308161047	ND	0.029	ug/L	1
8/23/93	BLK931997	GCTEX1308231220	ND	0.095	ug/L	1
3/25/93	BLK932000	GCTEX1308242018	ND	0.095	ug/L	1
9/15/93	BLK932371	GCJAY1309150130	ND	0.089	ug/L	1
9/20/93	BLK932379	GCJAY1309201444	ND	0.089	ug/L	1
9/22/93	BLK932686	GCQUE1309221453	ND	0.17	ug/L	1
9/22/93	BLK932683	GCTEX1309221032	ND	0.095	ug/L	1
7/23/93	BLK932690	GCTEX1309231506	ND	0.095	ug/L	1
9/23/93	BLK932687	GCJAY1309231030	ND	0.089	ug/L	1
0/04/93	BLK932891	GCPEA1310041056	ND	0.029	ug/L	1

GCTEX1310061111

Total Number of Blanks = 23

BLK932895

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.17

0.095

ug/L

ND

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,2-Dichlorobenzene

Type of Blank : Trip Blank

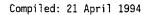
10/06/93

06/09/93	BT-01	GCQUE1306091614	ND	0.17	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.095	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.095	ug/L	1
06/24/93	BT-06	GCQUE1306231533	0.021	(J) 0.17	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.095	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.17	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.17	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.029	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.029	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.095	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.089	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.089	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.095	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.095	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.089	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.029	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.17



DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~					
	thod : SW8010 - Halogena					
Ana	lyte : 1,2-Dichlorobenze	ne, cont.				
Type of B	lank : Trip Blank					
Method :	SW8010 - Halogenated Vo	latile Organics				
Analyte :	1,2-Dichloroethane					
ype of Blank :	Ambient Blank					
06/15/93	BA-01	GCTEX1306141311	ND	0.082	ug/L	1
6/16/93	BA-02	GCTEX1306152237	ND	0.082	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.054	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.054	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.054	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.054	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND	0.082	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND	0.080	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.082	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.082	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.082	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.080	ug/L	1
Tot	al Number of Blanks = 12		Concent	tration Range	NC	
Tot	al Number above Detection	n Limit = 0	Maximur	n Detection Limit	t = 0.0823	
	SW8010 - Halogenated Vo 1,2-Dichloroethane	latile Organics				
Type of Blank :	Equipment Blank					
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.054	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.082	ug/L	1
Tot	al Number of Blanks = 2				NC	
Tot	al Number above Detection	on Limit = 0	Maximum	m Detection Limi	t = 0.0823	
Makkadi	CUONID No. 1 and 1	alatila Organica				
	SW8010 - Halogenated Vo 1,2-Dichloroethane	Tactie Organics				
Type of Blank :	Method Blank					
06/09/93	BLK93460	GCQUE1306091614	ND	0.054	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.082	ug/L	1
00/17/00	DLN33313	CCTEV1306152237	ND	0.082	ua/l	1 .

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable B7-41

ND

0.082

0.029

ug/L

ug/L

1

1

GCTEX1306152237

GCPEA1306201359

BLK93548

BLK93554

06/16/93

06/20/93

^{* -} Value considered suspect, refer to QC report

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Ме	thod : SW8010 - Haloge	enated Volatile Organics				
Ana	lyte : 1,2-Dichloroeth	nane, cont.				
Type of B	lank : Method Blank					
/21/93	BLK93697	GCTEX1306211441	ND	0.082	ug/L	1
/23/93	BLK93701	GCQUE1306231533	ND	0.054	ug/L	1
/23/93	BLK93700	GCTEX1306222319	ND	0.082	ug/L	1
/25/93	BLK93732	GCQUE1306241717	ND	0.054	ug/L	1
/25/93	BLK93731	GCTEX1306250629	ND	0.082	ug/L	1
/27/93	BLK93828	GCQUE1306271713	ND	0.054	ug/L	1
/10/93	BLK931831	GCPEA1308101540	ND	0.029	ug/L	1
/11/93	BLK931834	GCJAY1308111427	ND	0.080	ug/L	1
/16/93	BLK931977	GCPEA1308161047	NĐ	0.029	ug/L	1
/23/93	BLK931997	GCTEX1308231220	NÐ	0.082	ug/L	1
/25/93	BLK932000	GCTEX1308242018	ND	0.082	ug/L	1
/15/93	BLK932371	GCJAY1309150130	ND	0.080	ug/L	1
/20/93	BLK932379	GCJAY1309201444	ND	0.080	ug/L	1
/22/93	BLK932683	GCTEX1309221032	ND	0.082	ug/L	1
/22/93	BLK932686	GCQUE1309221453	ND	0.054	ug/L	1
/23/93	BLK932690	GCTEX1309231506	ND	0.082	ug/L	1
/23/93	BLK932687	GCJAY1309231030	ND	0.080	ug/L	1
/04/93	BLK932891	GCPEA1310041056	ND	0.029	ug/L	. 1
0/06/93	BLK932895	GCTEX1310061111	ND	0.082	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0823

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,2-Dichloroethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.054	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.054	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.082	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.082	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.054	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.054	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.082	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.054	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.054	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.029	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.029	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.082	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.080	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.080	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.082	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.082	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	ethod : SW8010 - Halog alyte : 1,2-Dichloroet	penated Volatile Organics Chane, cont.					
Type of	Blank : Trip Blank						
9/24/93	TB-10-02	GCJAY1309231030	ND		0.080	ug/L	1
0/05/93	TB-14-02	GCPEA1310041056	ND		0.029	ug/L	1
To	tal Number of Blanks =	: 18	Con	centrat	ion Range	NC	
Total Number above Detection Limit = 0					tection Limit	t = 0.0823	
6/15/93	BA-01	GCTEX1306141311	ND		0.023	ug/L	1
6/15/93	BA-01	GCTFX1306141311	ND		0.023	ug/L	1
6/16/93	BA-02	GCTEX1306152237	ND		0.023	ug/L	1
6/24/93	BA-04	GCQUE1306231533	ND		0.075	ug/L	-1
6/25/93	BA-07	GCTEX1306250629	ND		0.023	ug/L	1
6/25/93	BA-09	GCQUE1306241717	ND		0.075	ug/L	1
6/25/93	BA-06	GCQUE1306241717	0.0097	(ე)	0.075	ug/L	1
6/25/93	BA-08	GCQUE1306241717	ND		0.075	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND		0.075	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND		0.023	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND		0.023	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND		0.046	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND ND		0.046	ug/L	1
9/24/93 	AB~10	GCTEX1309231506	ND		0.023	ug/L 	
	tal Number of Blanks =	: 13	Con	centrat	ion Range	NC	
To					tection Limit		

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.075	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.023	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.075

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,2-Dichloropropane

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION				
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR		
Type of Blank :	Method Blank							
06/09/93	BLK93460	GCQUE1306091614	ND	0.075	ug/L	1		
06/14/93	BLK93515	GCTEX1306141311	ND	0.023	ug/L	1		
06/16/93	BLK93548	GCTEX1306152237	ND	0.023	ug/L	1		
06/20/93	BLK93554	GCPEA1306201359	ND	0.032	ug/L	1		
06/21/93	BLK93697	GCTEX1306211441	ND	0.023	ug/L	1		
06/23/93	BLK93700	GCTEX1306222319	ND	0.023	ug/L	1		
06/23/93	BLK93701	GCQUE1306231533	ND	0.075	ug/L	1		
06/25/93	BLK93732	GCQUE1306241717	ND	0.075	ug/L	1		
06/25/93	BLK93731	GCTEX1306250629	ND	0.023	ug/L	1		
06/27/93	BLK93828	GCQUE1306271713	ND	0.075	ug/L	1		
8/10/93	BLK931831	GCPEA1308101540	ND	0.032	ug/L	1		
08/11/93	BLK931834	GCJAY1308111427	ND	0.046	ug/L	1		
08/16/93	BLK931977	GCPEA1308161047	ND	0.032	ug/L	1		
08/23/93	BLK931997	GCTEX1308231220	ND	0.023	ug/L	1		
8/25/93	BLK932000	GCTEX1308242018	ND	0.023	ug/L	1		
9/15/93	BLK932371	GCJAY1309150130	ND	0.046	ug/L	1		
9/20/93	BLK932379	GCJAY1309201444	ND	0.046	ug/L	1		
9/22/93	BLK932686	GCQUE1309221453	ND	0.075	ug/L	1		
9/22/93	BLK932683	GCTEX1309221032	ND	0.023	ug/L	1		
9/23/93	BLK932690	GCTEX1309231506	ND	0.023	ug/L	1		
9/23/93	BLK932687	GCJAY1309231030	ND	0.046	ug/L	1		
0/04/93	BLK932891	GCPEA1310041056	ND	0.032	ug/L	1		
0/06/93	BLK932895	GCTEX1310061111	ND	0.023	ug/L	1		

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0751

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,2-Dichloropropane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.075	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.075	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.023	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.023	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.075	ug/L	1
06/25/93	BT-10	. GCQUE1306241717	ND	0.075	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.023	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.075	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.075	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.032	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.032	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.023	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.046	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.046	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.023	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.046	ug/L	1

	SAMPLE	BATCH	DETECTION			DILUTION
ANALYZED	ID .	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,2-Dichloropropane, cont.

Type of Blank: Trip Blank

09/24/93 TB-11-02 GCTEX1309231506 ND 0.023 ug/L 1 10/05/93 TB-14-02 GCPEA1310041056 ND 0.032 ug/L 1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.075

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,3-Dichlorobenzene

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.088	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.088	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.15	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.088	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.15	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.15	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.088	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.069	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.088	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.088	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.088	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.069	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.15

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,3-Dichlorobenzene

Type of Blank : Equipment Blank

06/30/93 04-MW-01-EB-03 GCQUE1306291223 ND 0.15 ug/L 1 10/07/93 08-GP-01-EB-01 GCTEX1310061111 ND 0.088 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.15

DATE SAMPLE		BATCH		DETECTION		DILUTION	
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR	
	SW8010 - Halogenated 1,3-Dichlorobenzene	Volatile Organics					
ype of Blank :	Method Blank						
6/09/93	BLK93460	GCQUE1306091614	ND	0.15	ug/L	1	
6/14/93	BLK93515	GCTEX1306141311	ND	0.088	ug/L	1	
6/16/93	BLK93548	GCTEX1306152237	ND	0.088	ug/L	1	
6/20/93	BLK93554	GCPEA1306201359	ND	0.090	ug/L	1	
5/21/93	BLK93697	GCTEX1306211441	ND	0.088	ug/L	1	
6/23/93	BLK93701	GCQUE1306231533	ND	0.15	ug/L	1	
6/23/93	BLK93700	GCTEX1306222319	ND	0.088	ug/L	1	
6/25/93	BLK93731	GCTEX1306250629	ND	0.088	ug/L	1	
6/25/93	BLK93732	GCQUE1306241717	ND	0.15	ug/L	1	
6/27/93	BLK93828	GCQUE1306271713	ND	0.15	ug/L	1	
8/10/93	BLK931831	GCPEA1308101540	ND	0.090	ug/L	1	
3/11/93	BLK931834	GCJAY1308111427	ND	0.069	ug/L	1	
8/16/93	BLK931977	GCPEA1308161047	ND	0.090	ug/L	1	
8/23/93	BLK931997	GCTEX1308231220	ND	0.088	ug/L	1	
8/25/93	BLK932000	GCTEX1308242018	ND	0.088	ug/L	1	
9/15/93	BLK932371	GCJAY1309150130	ND	0.069	ug/L	1	
9/20/93	BLK932379	GCJAY1309201444	ND	0.069	ug/L	1	
9/22/93	BLK932683	GCTEX1309221032	ND	0.088	ug/L	1	
9/22/93	BLK932686	GCQUE1309221453	ND	0.15	ug/L	1	
9/23/93	BLK932687	GCJAY1309231030	ND	0.069	ug/L	1	
9/23/93	BLK932690	GCTEX1309231506	ND	0.088	ug/L	1	
0/04/93	BLK932891	GCPEA1310041056	ND	0.090	ug/L	1	
0/06/93	BLK932895	GCTEX1310061111	ND	0.088	ug/L	1	

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.151

 ${\tt Method} \ : \ {\tt SW8010} \ - \ {\tt Halogenated} \ {\tt Volatile} \ {\tt Organics}$

Analyte : 1,3-Dichlorobenzene

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	0.0084	(J)	0.15	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.15	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.088	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.088	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.15	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.15	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.088	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.15	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.15	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.090	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.090	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.088	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	lethod : SW8010 - Halog	enated Volatile Organics				
	alyte : 1,3-Dichlorobe					
Type of	Blank : Trip Blank					
9/15/93	TB-07-02	GCJAY1309150130	ND	0.069	ug/L	1
9/21/93	TB-08-02	GCJAY1309201444	ND	0.069	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	ND	0.088	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	ND	0.088	ug/L	1
9/24/93	TB-10-02	GCJAY1309231030	ND	0.069	ug/L	1
		GCPEA1310041056	ND	0.090	ug/L	1

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,4-Dichlorobenzene

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND		0.091	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.091	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.19	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.19	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.091	ug/L	1
06/25/93	BA-08	GCQUE1306241717	0.0056	(J)	0.19	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.19	ug/L	. 1
06/28/93	BA-05	GCQUE1306271713	ND		0.19	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.091	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.055	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.091	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.091	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.055	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.091	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.19

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1,4-Dichlorobenzene

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.19	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.091	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.19

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable B7-47

* - Value considered suspect, refer to QC report

	+					
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	ВАТСН		DETECTION		DILUTION

Method : SW8010 - Halogenated Volatile Organics

Analyte: 1,4-Dichlorobenzene, cont.

Type of Blank: Equipment Blank

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1,4-Dichlorobenzene

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND		0.19	ug/L	1	
06/14/93	BLK93515	GCTEX1306141311	ND		0.091	ug/L	1	
06/16/93	BLK93548	GCTEX1306152237	ND		0.091	ug/L	1	
06/20/93	BLK93554	GCPEA1306201359	ND		0.032	ug/L	1	
06/21/93	BLK93697	GCTEX1306211441	ND		0.091	ug/L	1	
06/23/93	BLK93701	GCQUE1306231533	ND		0.19	ug/L	1	
06/23/93	BLK93700	GCTEX1306222319	ND		0.091	ug/L	1	
06/25/93	BLK93731	GCTEX1306250629	ND		0.091	ug/L	1	
06/25/93	BLK93732	GCQUE1306241717	ND		0.19	ug/L	1	
06/27/93	BLK93828	GCQUE1306271713	ND		0.19	ug/L	1	
08/10/93	BLK931831	GCPEA1308101540	ND		0.032	ug/L	1	
08/11/93	BLK931834	GCJAY1308111427	ND		0.055	ug/L	1	'
08/16/93	BLK931977	GCPEA1308161047	ND		0.032	ug/L	1	
08/23/93	BLK931997	GCTEX1308231220	ND		0.091	ug/L	1	
08/25/93	BLK932000	GCTEX1308242018	ND		0.091	ug/L	1	
09/15/93	BLK932371	GCJAY1309150130	· ND		0.055	ug/L	1	
09/20/93	BLK932379	GCJAY1309201444	ND		0.055	ug/L	1	
09/22/93	BLK932683	GCTEX1309221032	ND		0.091	ug/L	1	
09/22/93	BLK932686	GCQUE1309221453	0.037	(J)	0.20	ug/L	1	
09/23/93	BLK932687	GCJAY1309231030	ND		0.055	ug/L	1	
09/23/93	BLK932690	GCTEX1309231506	ND		0.091	ug/L	1	
10/04/93	BLK932891	GCPEA1310041056	ND		0.032	ug/L	1	
10/06/93	BLK932895	GCTEX1310061111	ND		0.091	ug/L	1	

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.195

Method: SW8010 - Halogenated Volatile Organics

Analyte: 1,4-Dichlorobenzene

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	0.0090	(J)	0.19	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.19	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.091	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.091	ug/L	1
06/24/93	BT-06	GCQUE1306231533	'ND		0.19	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID .	ID	RESULT	LIMIT	UNITS	FACTOR
Met	thod : SW8010 - Haloge	enated Volatile Organics				
Ana	lyte : 1,4-Dichlorobe	nzene, cont.				
Type of B	lank : Trip Blank					
	·				41	1
6/25/93	BT-10	GCQUE1306241717	ND	0.19	ug/L	1
6/25/93	BT-09	GCTEX1306250629	ND	0.091	ug/L	1
6/25/93	BT-08	GCQUE1306241717	ND	0.19	ug/L	1
6/28/93	BT-07	GCQUE1306271713	ND	0.19	ug/L	1
8/11/93	BT-11	GCPEA1308101540	ND	0.032	ug/L	1
8/17/93	BT-12	GCPEA1308161047	ND	0.032	ug/L	1
8/25/93	TB-06-02	GCTEX1308242018	ND	0.091	ug/L	1
9/15/93	TB-07-02	GCJAY1309150130	ND	0.055	ug/L	. 1
9/21/93	TB-08-02	GCJAY1309201444	ND	0.055	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	ND	0.091	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	ND	0.091	ug/L	1
9/24/93	TB-10-02	GCJAY1309231030	ND	0.055	ug/L	1
0/05/93	TB-14-02	GCPEA1310041056	ND	0.032	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.19

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1-Chlorohexane

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.040	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.040	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.12	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.040	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.12	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.040	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.15	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.040	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.040	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.15	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.040	ug/L	. 1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.154

Method: SW8010 - Halogenated Volatile Organics

Analyte : 1-Chlorohexane

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Type of Blank :	Equipment Blank					
Type of Blank :	Equipment Blank 04-MW-01-EB-03	GCQUE1306291223	NÐ	0.12	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.12

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1-Chlorohexane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.12	ug/L	1	
06/14/93	BLK93515	GCTEX1306141311	ND	0.040	ug/L	1	
06/16/93	BLK93548	GCTEX1306152237	ND	0.040	ug/L	1	
06/20/93	BLK93554	GCPEA1306201359	ND	0.096	ug/L	1	
06/21/93	BLK93697	GCTEX1306211441	ND	0.040	ug/L	1	
06/23/93	BLK93701	GCQUE1306231533	ND	0.12	ug/L	1	
06/23/93	BLK93700	GCTEX1306222319	ND	0.040	ug/L	1	
06/25/93	BLK93732	GCQUE1306241717	ND	0.12	ug/L	1	
06/25/93	BLK93731	GCTEX1306250629	ND	0.040	ug/L	1	
06/27/93	BLK93828	GCQUE1306271713	ND	0.12	ug/L	1	
08/10/93	BLK931831	GCPEA1308101540	ND	0.096	ug/L	1	
08/11/93	BLK931834	GCJAY1308111427	0.017	(J) 0.15	ug/L	1	
08/16/93	BLK931977	GCPEA1308161047	ND	0.096	ug/L	1	
08/23/93	BLK931997	GCTEX1308231220	ND	0.040	ug/L	1	
08/25/93	BLK932000	GCTEX1308242018	ND	0.040	ug/L	1	
09/15/93	BLK932371	GCJAY1309150130	ND	0.15	ug/L	1	
09/20/93	BLK932379	GCJAY1309201444	ND	0.15	ug/L	1	
09/22/93	BLK932686	GCQUE1309221453	ND	0.12	ug/L	1	
09/22/93	BLK932683	GCTEX1309221032	ND	0.040	ug/L	1	
09/23/93	BLK932687	GCJAY1309231030	ND	0.15	ug/L	1	
09/23/93	BLK932690	GCTEX1309231506	ND	0.040	ug/L	1	
10/04/93	BLK932891	GCPEA1310041056	ND	0.096	ug/L	1	
10/06/93	BLK932895	GCTEX1310061111	ND	0.040	ug/L	1	

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.154

Method : SW8010 - Halogenated Volatile Organics

Analyte : 1-Chlorohexane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.12	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.12	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.040	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.040	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

TABLE B-7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	·					
Me	ethod : SW8010 - Haloge	enated Volatile Organics				
Ana	lyte : 1-Chlorohexane	, cont.		• .		
Type of E	llank : Trip Blank					
06/24/93	BT-06	GCQUE1306231533	ND	0.12	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.040	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.12	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.12	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.12	ug/L	1
8/11/93	BT-11	GCPEA1308101540	ND	0.096	ug/L	1
8/17/93	BT-12	GCPEA1308161047	ND	0.096	ug/L	1
8/25/93	TB-06-02	GCTEX1308242018	ND	0.040	ug/L	1
9/15/93	TB-07-02	GCJAY1309150130	ND	0.15	ug/L	1
9/21/93	TB-08-02	GCJAY1309201444	ND	0.15	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	ND	0.040	ug/L	1
9/24/93	TB-10-02	GCJAY1309231030	ND	0.15	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	ND	0.040	ug/L	1
.0/05/93	TB-14-02	GCPEA1310041056	ND	0.096	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.154

Method: SW8010 - Halogenated Volatile Organics

Analyte : 2-Chloroethyl vinyl ether

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.10	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.10	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.17	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.10	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.10	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.19	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.19	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.10	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.10	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.194

	TABLE B-7 DETAIL	.ED LISTING OF LIQUID B	LANKS RESULTS -	- WATER SAMPLES 6	SALENA 1993 E	VENT
DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8010 - Halogenated Vo	•				
Analyte	: 2-Chloroethyl vinyl eth	ner				
Type of Blank	: Equipment Blank					
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.17	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.10	ug/L	1
To	tal Number of Blanks = 2		Concent	tration Range N	C	
To	tal Number above Detectio	on Limit = 0		n Detection Limit		
Method	: SW8010 - Halogenated Vo	latile Organics				
Analyte	: 2-Chloroethyl vinyl eth	er				
Type of Blank	: Method Blank					
06/09/93	BLK93460	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.10	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.10	ug/L	1
6/20/93	BLK93554	GCPEA1306201359	ND	0.028	ug/L	1
6/21/93	BLK93697	GCTEX1306211441	ND	0.10	ug/L	1
6/23/93	BLK93700	GCTEX1306222319	ND	0.10	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.10	ug/L	1
C /OF /OD	0.1400300				-	

06/20/93	BLK93554	GCPEA1306201359	ND	0.028	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.10	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.10	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.17	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.17	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.028	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.19	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.028	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.10	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.10	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.19	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.19	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.17	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.10	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.19	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.10	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.028	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.10	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.194

Method : SW8010 - Halogenated Volatile Organics

Analyte : 2-Chloroethyl vinyl ether

Type of Blank : Trip Blank

TABLE B-7	•	TΑ	В	L	Ε	B-	7
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DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID		RESULT	LIMIT	UNITS	FACTOR
Me	ethod : SW8010 - Halog	enated Volatile Organics				
Ana	lyte : 2-Chloroethyl	vinyl ether, cont.				
Type of E	Blank : Trip Blank					
5/09/93	BT-01	GCQUE1306091614	ND	0.17	ug/L	1
/10/93	BT-02	GCQUE1306091614	ND	0.17	ug/L	1
/14/93	BT-03	GCTEX1306141311	ND	0.10	ug/L	1
/16/93	BT-04	GCTEX1306152237	ND	0.10	ug/L	1
/24/93	BT-06	GCQUE1306231533	ND	0.17	ug/L	1
/25/93	BT-08	GCQUE1306241717	ND	0.17	ug/L	1
/25/93	BT-09	GCTEX1306250629	ND	0.10	ug/L	1
/25/93	BT-10	GCQUE1306241717	ND	0.17	ug/L	1
6/28/93	BT-07	GCQUE1306271713	ND	0.17	ug/L	1
3/11/93	BT-11	GCPEA1308101540	ND	0.028	ug/L	1
3/17/93	BT-12	GCPEA1308161047	ND	0.028	ug/L	1
3/25/93	TB-06-02	GCTEX1308242018	ND	0.10	ug/L	1
/15/93	TB-07-02	GCJAY1309150130	ND	0.19	ug/L	1
/21/93	TB-08-02	GCJAY1309201444	ND	0.19	ug/L	1
/23/93	TB-09-02	GCTEX1309221032	ND	0.10	ug/L	1
/24/93	TB-11-02	GCTEX1309231506	ND	0.10	ug/L	1
/24/93	TB-10-02	GCJAY1309231030	ND	0.19	ug/L	1

GCPEA1310041056

Total Number of Blanks = 18

TB-14-02

Total Number above Detection Limit = 0

Concentration Range NC

ND

Maximum Detection Limit = 0.194

0.028

ug/L

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromobenzene

Type of Blank : Ambient Blank

10/05/93

06/15/93	BA-01	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.045	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.53	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.53	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.53	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.045	ug/L	1
06/25/93	BA-06	, GCQUE1306241717	ND	0.53	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.53	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND -	0.045	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.045	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.13	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.13	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.045	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.045	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.53

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method : SW8010 - Halogenated Volatile Organics

Analyte: Bromobenzene, cont.

Type of Blank : Ambient Blank

Method: SW8010 - Halogenated Volatile Organics

Analyte : Bromobenzene

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.53	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.045	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.53

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromobenzene

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.53	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.045	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.045	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.069	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.045	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.045	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.53	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.045	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.53	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.53	ug/L	. 1
08/10/93	BLK931831	GCPEA1308101540	ND	0.069	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.13	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.069	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.045	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.045	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.13	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.13	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.045	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.53	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.13	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.045	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.069	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.045	ug/L	1

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.53

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromobenzene, cont.

Type of Blank: Method Blank

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromobenzene

Type of Blank: Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND		0.53	ug/L	1
06/10/93	BT-02	GCQUE1306091614	0.54	(T)	0.53	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.045	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.045	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.53	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.53	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.045	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.53	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.53	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.069	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.069	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.045	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.13	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.13	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.045	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.13	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND ·		0.069	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 1

Concentration Range 0.54 -

Maximum Detection Limit = 0.53

Method : SW8010 - Halogenated Volatile Organics

Analyte: Bromodichloromethane

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.089	ug/L	1 .
06/16/93	BA-02	GCTEX1306152237	ND	0.089	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.068	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.089	. ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.068	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.068	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.068	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.068	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND ·	0.089	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.045	ug/L	1
• • •						

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
				*****	~~~~~	
Met	hod : SW8010 - Halog	enated Volatile Organics				
Anal	yte : Bromodichlorom	ethane, cont.				
Type of Bl	ank : Ambient Blank					
09/23/93	AB-07	GCTEX1309221032	ND	0.089	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.045	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.089	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.089	ug/L	1
Tota	.l Number of Blanks =	14	Concent	ration Range N	C	
Tota	l Number above Detec	tion Limit = 0	Maximum	n Detection Limit	= 0.089	

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.068	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.089	ug/L	1

Total Number of Blanks = 2
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.0886

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromodichloromethane

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.068	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.089	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.089	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.015	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.089	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.068	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.089	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.068	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.089	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.068	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.015	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.045	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.015	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.089	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.089	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.045	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.045	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.068	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.089	ug/L	1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	ethod : SW8010 - Haloge	enated Volatile Organics				
Ana	alyte : Bromodichlorome	ethane, cont.				
	alyte : Bromodichlorome Blank : Method Blank	ethane, cont.				
Type of I	•	ethane, cont. GCJAY1309231030	ND	0.045	ug/L	1
	Blank : Method Blank		ND ND	0.045 0.089	ug/L ug/L	1 1
Type of 1	BLK932687	GCJAY1309231030			-	1 1 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.089

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromodichloromethane

Type of Blank: Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.068	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.068	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.089	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.089	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.068	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.089	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.068	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.068	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.068	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.015	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.015	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.089	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.045	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.045	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.089	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.089	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.015	ug/L	1
,,						

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.089

Method: SW8010 - Halogenated Volatile Organics

Analyte : Bromomethane

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.086	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.086	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.056	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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* - Value considered suspect, refer to QC report

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8010 - Haloge					
	Analyte : Bromomethane,	cont.				
Туре	of Blank : Ambient Blank					
06/25/93	BA-06	GCQUE1306241717	ND	0.056	ug/L	1
6/25/93	BA-08	GCQUE1306241717	ND	0.056	ug/L	1
6/25/93	BA-09	GCQUE1306241717	ND	0.056	ug/L	1
6/25/93	BA-07	GCTEX1306250629	ND	0.086	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.056	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND	0.086	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND	0.25	ug/L	1
9/23/93	AB-07	GCTEX1309221032	МD	0.086	ug/L	1
9/24/93	AB-11	GCTEX1309231506	ND	0.086	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.25	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.086	ug/L	1
	Total Number of Blanks =	14	Concent	ration Range N	 IC	·
	Total Number above Detect	tion Limit = 0	Maximum	Detection Limit	= 0.252	

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.056	ug/L	1	
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.086	ug/L	1	

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0858

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromomethane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND		0.056	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.086	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.086	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.16	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.086	ug/L	1
06/23/93	8LK93701	GCQUE1306231533	ND		0.056	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.086	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.056	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.086	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.056	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.16	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	0.10	(J)	0.25	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

TAB	LE B	-7
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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Me	thod : SW8010 - Haloge	nated Volatile Organics				
Ana	lyte : Bromomethane, o	ont.				
Type of B	lank : Method Blank					
8/16/93	BLK931977	GCPEA1308161047	ND	0.16	ug/L	1
8/23/93	BLK931997	GCTEX1308231220	ND	0.086	ug/L	1
8/25/93	BLK932000	GCTEX1308242018	ND	0.086	ug/L	1
9/15/93	BLK932371	GCJAY1309150130	ND	0.25	ug/L	1
9/20/93	BLK932379	GCJAY1309201444	ND	0.25	ug/L	1
9/22/93	BLK932683	GCTEX1309221032	ND	0.086	ug/L	1
9/22/93	BLK932686	GCQUE1309221453	ND	0.056	ug/L	1
9/23/93	BLK932690	GCTEX1309231506	ND	0.086	ug/L	1
9/23/93	BLK932687	GCJAY1309231030	ND	0.25 '	ug/L	1
0/04/93	BLK932891	GCPEA1310041056	ND	0.16	ug/L	1
0/06/93	BLK932895	GCTEX1310061111	ND	0.086	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.252

Method : SW8010 - Halogenated Volatile Organics

Analyte : Bromomethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.056	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.056	ug/L	` 1
06/14/93	BT-03	GCTEX1306141311	ND	0.086	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.086	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.056	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.056	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.056	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.086	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.056	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.16	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.16	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.086	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.25	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.25	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.086	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.086	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.25	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.16	ug/L	1
* * * * * * * * * * * * * * * * * * * *						

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.252

ANALYZED		BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	nod : SW8010 - Halogenated	Volatile Organics				
Analy	te : Carbon tetrachloride					
ype of Bla	nk : Ambient Blank					
6/15/93	BA-01	GCTEX1306141311	ND	0.085	ug/L	1
6/16/93	BA-02	GCTEX1306152237	ND	0.085	ug/L	1
6/24/93	BA-04	GCQUE1306231533	ND	0.11	ug/L	1
6/25/93	BA-09	GCQUE1306241717	ND	0.11	ug/L	1
6/25/93	BA-07	GCTEX1306250629	ND	0.085	ug/L	- 1
6/25/93	BA-06	GCQUE1306241717	ND	0.11	ug/L	1
6/25/93	BA-08	GCQUE1306241717	ND	0.11	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.11	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND	0.069	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND	0.085	ug/L	1
9/24/93	AB-11	GCTEX1309231506	ND	0.085	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.085	ug/L	1
9/24/93 	AB-09	GCJAY1309231030	ND	0.069	ug/L	1
	Total Number of Blanks =			ration Range N		
	Total Number above Detect	ion Limit = 0	Maximum	Detection Limit	= 0.11	
	od : SW8010 - Halogenated te : Carbon tetrachloride	Volatile Organics				
ype of Bla	nk : Equipment Blank					
0/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.085	ug/L	1

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.0854

Method : SW8010 - Halogenated Volatile Organics

Analyte : Carbon tetrachloride

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.11	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.085	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.085	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.044	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.085	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.11	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.085	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.085	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.11	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.11	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.044	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

TABLE	B-7
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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	# # # # # # # # # # #			*********		
Met	hod : SW8010 - Haloge	enated Volatile Organics				
Anal	yte : Carbon tetrachl	oride, cont.				
Type of Bl	ank : Method Blank			i		
08/11/93	BLK931834	GCJAY1308111427	ND	0.069	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.044	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	. ND	0.085	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.085	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.069	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.069	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.11	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.085	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.085	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.069	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.044	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.085	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.11

Method : SW8010 - Halogenated Volatile Organics

Analyte : Carbon tetrachloride

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.11	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.11	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.085	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.085	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.11	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.085	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.11	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.044	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.044	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND ·	0.085	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.069	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.069	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.085	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.085	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.069	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.044	ug/L	1

Total Number of Blanks = 17

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.11

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8010 - Halogenated : Chlorobenzene	Volatile Organics				
	: Ambient Blank					
06/15/93	BA-01	GCTEX1306141311	ND	0.12	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.12	ug/L	1
6/24/93	BA-04	GCQUE1306231533	ND	0.14	ug/L	1
6/25/93	BA-08	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.12	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.14	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND	0.12	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND	0.051	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND	0.12	ug/L	1
9/24/93	AB-11	GCTEX1309231506	NÐ	0.12	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.12	ug/L	1
9/24/93	AB-09	GCJAY1309231030	0.20	0.051	ug/L	1
	al Number of Blanks = al Number above Detect			ration Range 0	.20 - 0.2	20
Method	: SW8010 - Halogenated : Chlorobenzene		PGATIIGH	Decection Elimit	- 0.14	
	Equipment Blank					
0/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.12	ug/L	1

Total No	umbon of Planks - 1		Concentration	Dance NC		
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.12	ug/L	1

Total Number above Detection Limit = 0

Concentration Range $\,$ NC Maximum Detection Limit = 0.124

Method : SW8010 - Halogenated Volatile Organics

Analyte : Chlorobenzene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.14	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.12	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.12	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.030	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.12	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.12	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.12	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.14	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.14	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	thod : SW8010 - Haloge	enated Volatile Organics				
Ana	lyte : Chlorobenzene,	cont.				
Type of B	llank : Method Blank					
08/10/93	BLK931831	GCPEA1308101540	ND	0.030	ug/L	1
8/11/93	BLK931834	GCJAY1308111427	ND	0.051	ug/L	1
8/16/93	BLK931977	GCPEA1308161047	ND	0.030	ug/L	1
8/23/93	BLK931997	GCTEX1308231220	ND	0.12	ug/L	1
8/25/93	BLK932000	GCTEX1308242018	ND	0.12	ug/L	1
9/15/93	BLK932371	GCJAY1309150130	ND	0.051	ug/L	1
9/20/93	BLK932379	GCJAY1309201444	ND	0.051	ug/L	1
9/22/93	BLK932686	GCQUE1309221453	ND	0.14	ug/L	1
9/22/93	BLK932683	GCTEX1309221032	ND	0.12	ug/L	1
9/23/93	BLK932687	GCJAY1309231030	ND	0.051	ug/L	1
9/23/93	BLK932690	GCTEX1309231506	ND	0.12	ug/L	1
0/04/93	BLK932891	GCPEA1310041056	ND	0.030	ug/L	1
0/06/93	BLK932895	GCTEX1310061111	ND	0.12	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.14

Method: SW8010 - Halogenated Volatile Organics

Analyte : Chlorobenzene

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND		0.14	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.14	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.12	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.12	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.14	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.12	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.14	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.14	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.14	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.030	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.030	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.12	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	0.010	(J)	0.051	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.051	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.12	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.12	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.051	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.030	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.14

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DATE	SAMPLE	ВАТСН			DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
	: SW8010 - Halogenated	l Volatile Organics					
•	: Ambient Blank						
06/15/93	BA-01	GCTEX1306141311	ND		0.080	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.080	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.11	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.11	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.11	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.080	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.11	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.11	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.080	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.080	ug/L	1
09/23/93	AB-08	GCJAY1309231030	0.019	(KJ)	0.12	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.080	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.12	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.080	ug/L	1
Tot	:al Number of Blanks =	: 14	Con	centrati	on Range 1	 VC	
Tot	al Number above Detec	tion Limit = 0	Max	imum Det	ection Limit	t = 0.115	

Method : SW8010 - Halogenated Volatile Organics

Analyte : Chloroethane

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.11	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.080	ug/L	1

Total Number of Blanks = 2
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit ≈ 0.11

Method : SW8010 - Halogenated Volatile Organics

Analyte : Chloroethane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.11	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.080	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.050	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.080	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.080	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.11	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.080	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Me	ethod : SW8010 - Haloge	enated Volatile Organics				
Ana	alyte : Chloroethane, o	cont.				
Type of E	Blank : Method Blank					
06/27/93	BLK93828	GCQUE1306271713	ND	0.11	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.050	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.12	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.050	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.080	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.080	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.12	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.12	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.080	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.11	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.12	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.080	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.050	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.080	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.115

Method : SW8010 - Halogenated Volatile Organics

Analyte : Chloroethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND .	0.11	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.11	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.080	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.11	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.080	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.11	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.11	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.050	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.050	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.080	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.080	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.080	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.12	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.050	ug/L	1
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Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.115

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8010 - Halogenated Volatile Organics

Analyte : Chloroethane, cont.

Type of Blank: Trip Blank

Method: SW8010 - Halogenated Volatile Organics

Analyte : Chloroform

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	0.70	0.026	ug/L	1
06/16/93	BA-02	GCTEX1306152237	0.97	0.026	ug/L	1
06/24/93	BA-04	GCQUE1306231533	1.1	0.085	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.026	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.085	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.085	ug/L	1
08/24/93	AB-06	GCTEX1308231220	0.89	0.026	ug/L	1
09/23/93	AB-08	GCJAY1309231030	2.2	0.053	ug/L	1
09/23/93	AB-07	GCTEX1309221032	0.87	0.026	ug/L	1
09/24/93	AB-11	GCTEX1309231506	1.9	0.026	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.053	ug/L	1
09/24/93	AB-10	GCTEX1309231506	2.0	0.026	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 8

Concentration Range 0.70 -2.2 Maximum Detection Limit = 0.085

Method: SW8010 - Halogenated Volatile Organics

Analyte : Chloroform

Type of Blank: Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	1.1	0.085	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	1.9	0.026	ug/L	1

Total Number of Blanks = 2

Concentration Range 1.1 -

1.9

Total Number above Detection Limit = 2

Maximum Detection Limit = 0.085

Method: SW8010 - Halogenated Volatile Organics

Analyte : Chloroform

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.085	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.026	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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* - Value considered suspect, refer to QC report

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	thod : SW8010 - Haloge	enated Volatile Organics				
	lyte : Chloroform, cor					
Type of B	lank : Method Blank					
6/16/93	BLK93548	GCTEX1306152237	ND	0.026	ug/L	1
6/20/93	BLK93554	GCPEA1306201359	ND	0.051	ug/L	1
5/21/93	BLK93697	GCTEX1306211441	ND	0.026	ug/L	1
5/23/93	BLK93700	GCTEX1306222319	ND	0.026	ug/L	1
6/23/93	BLK93701	GCQUE1306231533	ND	0.085	ug/L	1
6/25/93	BLK93731	GCTEX1306250629	ND	0.026	ug/L	1
6/25/93	BLK93732	GCQUE1306241717	ND	0.085	ug/L	1
6/27/93	BLK93828	GCQUE1306271713	ND	0.085	ug/L	1
3/10/93	BLK931831	GCPEA1308101540	ND	0.051	ug/L	1
3/11/93	BLK931834	GCJAY1308111427	ND	0.053	ug/L	1
3/16/93	BLK931977	GCPEA1308161047	ND	0.051	ug/L	1
3/23/93	BLK931997	GCTEX1308231220	ND	0.026	ug/L	1
3/25/93	BLK932000	GCTEX1308242018	ND	0.026	ug/L	1
9/15/93	BLK932371	GCJAY1309150130	ND	0.053	ug/L	1
9/20/93	BLK932379	GCJAY1309201444	ND	0.053	ug/L	1
9/22/93	BLK932686	GCQUE1309221453	ND	0.085	ug/L	1
9/22/93	BLK932683	GCTEX1309221032	ND	0.026	ug/L	1
9/23/93	BLK932690	GCTEX1309231506	ND	0.026	ug/L	1
9/23/93	BLK932687	GCJAY1309231030	ND	0.053	ug/L	1
0/04/93	BLK932891	GCPEA1310041056	ND	0.051	ug/L	1
0/06/93	BLK932895	GCTEX1310061111	ND	0.026	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.085

Method: SW8010 - Halogenated Volatile Organics

Analyte : Chloroform

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.085	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.085	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.026	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.026	ug/L	1
06/24/93	8T-06	GCQUE1306231533	ND	0.085	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.085	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.026	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.085	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.051	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.051	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.026	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.053	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.053	ug/L	1

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

	dethod : SW8010 - Halog malyte : Chloroform, co	menated Volatile Organics				
Type of	Blank : Trip Blank					
9/23/93	TB-09-02	GCTEX1309221032	ND	0.026	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	ND	0.026	ug/L	1
0/05/93	TB-14-02	GCPEA1310041056	ND	0.051	ug/L	1
	otal Number of Blanks =			_	IC 0.005	
Method	otal Number above Detec : SW8010 - Halogenated		Plax Filluli	n Detection Limit	. = 0.085	
Method Analyte			194X (III uli	i Detection Limit	: = 0.085	
Method Analyte ype of Blank	: SW8010 - Halogenated : Chloromethane		ND.	0.15	ug/L	1
Method Analyte ype of Blank 6/15/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank	Volatile Organics				1 1
Method Analyte ype of Blank 6/15/93 6/16/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01	Volatile Organics GCTEX1306141311	ND	0.15	ug/L	
Method Analyte ype of Blank 6/15/93 6/16/93 6/24/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02	Volatile Organics GCTEX1306141311 GCTEX1306152237	ND ND	0.15 0.15	ug/L ug/L	1
Method Analyte ype of Blank 6/15/93 6/16/93 6/24/93 6/25/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04	OCTEX1306141311 GCTEX1306152237 GCQUE1306231533	ND ND ND	0.15 0.15 0.15	ug/L ug/L ug/L	1 1
Method Analyte ype of Blank 6/15/93 6/16/93 6/24/93 6/25/93 6/25/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629	ND ND ND ND	0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L	1 1 1
Method Analyte ype of Blank 6/15/93 6/16/93 6/24/93 6/25/93 6/25/93 6/25/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07 BA-08	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629 GCQUE1306241717	ND ND ND ND ND	0.15 0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L ug/L	1 1 1
Method Analyte ype of Blank 6/15/93 6/16/93 6/24/93 6/25/93 6/25/93 6/25/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07 BA-08 BA-09	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629 GCQUE1306241717 GCQUE1306241717	ND ND ND ND ND	0.15 0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Method Analyte ype of Blank 6/15/93 6/16/93 6/25/93 6/25/93 6/25/93 6/25/93 6/25/93 6/25/93 6/28/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07 BA-08 BA-09 BA-06	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629 GCQUE1306241717 GCQUE1306241717	ND ND ND ND ND ND	0.15 0.15 0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Method Analyte ype of Blank 6/15/93 6/16/93 6/25/93 6/25/93 6/25/93 6/25/93 6/25/93 6/25/93 6/28/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07 BA-08 BA-09 BA-06 BA-05	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629 GCQUE1306241717 GCQUE1306241717 GCQUE1306241717	ND ND ND ND ND ND ND	0.15 0.15 0.15 0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Method Analyte ype of Blank 6/15/93 6/16/93 6/25/93 6/25/93 6/25/93 6/25/93 6/25/93 6/25/93 8/24/93 9/23/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07 BA-08 BA-09 BA-06 BA-05 AB-06	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629 GCQUE1306241717 GCQUE1306241717 GCQUE1306241717 GCQUE1306271713 GCTEX1308231220	ND ND ND ND ND ND ND	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Method Analyte Type of Blank 06/15/93 06/16/93 06/25/93 06/25/93 06/25/93 06/25/93 06/25/93 06/25/93 06/25/93 06/25/93	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07 BA-08 BA-09 BA-06 BA-05 AB-06 AB-08	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629 GCQUE1306241717 GCQUE1306241717 GCQUE1306241717 GCQUE1306271713 GCTEX1308231220 GCJAY1309231030	ND ND ND ND ND ND ND ND	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Method Analyte	: SW8010 - Halogenated : Chloromethane : Ambient Blank BA-01 BA-02 BA-04 BA-07 BA-08 BA-09 BA-06 BA-05 AB-06 AB-08 AB-08	GCTEX1306141311 GCTEX1306152237 GCQUE1306231533 GCTEX1306250629 GCQUE1306241717 GCQUE1306241717 GCQUE1306241717 GCQUE1306271713 GCTEX1308231220 GCJAY1309231030 GCTEX1309221032	ND N	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.172

Method: SW8010 - Halogenated Volatile Organics

Analyte : Chloromethane

Type of Blank : Equipment Blank

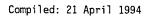
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.15	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.15	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.151



ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method :	SW8010 - Halogenated	Volatile Organics				
Analyte :	Chloromethane					
Type of Blank :	Method Blank					
06/09/93	BLK93460	GCQUE1306091614	ND	0.15	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.15	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.15	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.021	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.15	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.15	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.15	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.15	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.15	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	0.0034	(J) 0.15	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.021	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.17	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.021	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.15	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.15	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.17	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.17	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.15	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.15	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.15	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.17	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	0.022	0.021	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	< DL	0.15	ug/L	1

Total Number above Detection Limit = 1

Concentration Range 0.022 - 0.022

Maximum Detection Limit = 0.172

Method : SW8010 - Halogenated Volatile Organics

Analyte : Chloromethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.15	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.15	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.15	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.15	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.15	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.15	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.15	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.15	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.021	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.021	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.15	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH	· · · · · · · · · · · · · · · · · · ·		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
Me	ethod : SW8010 - Halog	enated Volatile Organics					
Ana	alyte : Chloromethane.	cont.					
Type of E	Blank : Trip Blank						
9/15/93	TB-07-02	GCJAY1309150130	ND		0.17	ug/L	1
9/21/93	TB-08-02	GCJAY1309201444	0.055	(J)	0.17	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	ND		0.15	ug/L	1
9/24/93	TB-10-02	GCJAY1309231030	ND		0.17	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	0.022	(J)	0.15	ug/L	1
0/05/93	TB-14-02	GCPEA1310041056	0.021	(BJ)	0.021	ug/L	1
Tot	al Number of Blanks =	18	Con	centrati	on Range N	 C	
Total Number above Detection Limit = 0		Max	Maximum Detection Limit = 0.172				
	SW8010 - Halogenated	•					
Analyte :	Dibromochloromethane						
ype of Blank :	Ambient Blank						
5/15/93	BA-01	GCTEX1306141311	ND		0.082	ug/L	1
6/16/93	BA-02	GCTEX1306152237	ND		0.082	ug/L	1

06/15/93	BA-01	GCTEX1306141311	ND	0.082	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.082	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.17	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.17	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.082	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.17	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.082	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.11	ug/L	1

09/24/93 AB-09 GCJAY1309231030 ND 0.11 ug/L 1

ND

ND

ND

0.082

0.082

0.082

ug/L

ug/L

ug/L

Total Number of Blanks = 14 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.17

GCTEX1309221032

GCTEX1309231506

GCTEX1309231506

Method : SW8010 - Halogenated Volatile Organics

Analyte : Dibromochloromethane

AB-07

AB-11

AB-10

Type of Blank : Equipment Blank

09/23/93

09/24/93

09/24/93

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.17	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.082	ug/L	1

Total Number of Blanks = 2 Concentration Range NC
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.17

TABL	Ε	B-	7
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ANALYZED ID ID	RESULT	LIMIT	UNITS	FACTOR	
DATE SAMPLE BATCH		DETECTION		DILUTION	

Analyte: Dibromochloromethane, cont.

Type of Blank: Equipment Blank

Method: SW8010 - Halogenated Volatile Organics

Analyte : Dibromochloromethane

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	8LK93515	GCTEX1306141311	ND	0.082	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.082	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.010	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.082	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.17	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.082	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.082	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	0.031	(J) 0.17	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.17	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.010	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.11	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.010	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.082	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.082	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.11	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.11	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.17	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.082	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.082	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.11	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.010	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.082	ug/L	1

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.174

Method: SW8010 - Halogenated Volatile Organics

Analyte : Dibromochloromethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.17	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.17	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.082	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND ·	0.082	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.17	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-71

* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH	DECLUIT.	DETECTION		DILUTION
ANALYZED ID		ID	RESULT	LIMIT	UNITS	FACTOR
Me	ethod : SW8010 - Halog	genated Volatile Organics				
	alyte : Dibromochlorom					
Type of E	Blank : Trip Blank					
5/25/93	BT-09	GCTEX1306250629	ND	0.082	ug/L	1
/25/93	BT-08	GCQUE1306241717	ND	0.17	ug/L	1
/25/93	BT-10	GCQUE1306241717	ND	0.17	ug/L	1
/28/93	BT-07	GCQUE1306271713	ND	0.17	ug/L	1
/11/93	BT-11	GCPEA1308101540	ND	0.010	ug/L	1
/17/93	BT-12	GCPEA1308161047	ND	0.010	ug/L	1
/25/93	TB-06-02	GCTEX1308242018	ND	0.082	ug/L	1
/15/93	TB-07-02	GCJAY1309150130	ND	0.11	ug/L	1
/21/93	TB-08-02	GCJAY1309201444	ND	0.11	ug/L	1
/23/93	TB-09-02	GCTEX1309221032	ND	0.082	ug/L	1
/24/93	TB-10-02	GCJAY1309231030	ND	0.11	ug/L	1
/24/93	TB-11-02	GCTEX1309231506	ND	0.082	ug/L	1
/05/93	TB-14-02	GCPEA1310041056	ND	0.010	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.17

Method: SW8010 - Halogenated Volatile Organics

Analyte : Dibromomethane

Type of Blank : Ambient Blank

		•				
06/15/93	BA-01	GCTEX1306141311	ND	0.074	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.074	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.074	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.14	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.074	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.12	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.074	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.12	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.074	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.074	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.14

Method: SW8010 - Halogenated Volatile Organics

Analyte : Dibromomethane

Compiled: 21 April 1994

ND = Not Detected NC = Not Calculable NA = Not Applicable

DATE	SAMPLE	BATCH	DECIN T	DETECTION LIMIT	UNITS	DILUTION FACTOR
ANALYZED	ID 	ID 	RESULT			
ype of Blank :	Equipment Blank					
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.14	ug/L	1
0/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.074	ug/L 	1
Tot	al Number of Blanks = 2			ration Range N		
Tot	al Number above Detectio	on Limit = 0	Maximum	n Detection Limit	= 0.14	
Method :	SW8010 - Halogenated Vo	latile Organics				
	Dibromomethane					
Type of Blank :	Method Blank					
06/09/93	BLK93460	GCQUE1306091614	ND	0.14	ug/L	1
6/14/93	BLK93515	GCTEX1306141311	ND	0.074	ug/L	1
6/16/93	BLK93548	GCTEX1306152237	ND	0.074	ug/L	1
6/20/93	BLK93554	GCPEA1306201359	ND	0.094	ug/L	1
6/21/93	BLK93697	GCTEX1306211441	ND	0.074	ug/L	1
6/23/93	BLK93701	GCQUE1306231533	ND	0.14	ug/L	1
6/23/93	BLK93700	GCTEX1306222319	ND	0.074	ug/L	1
6/25/93	BLK93731	GCTEX1306250629	ND	0.074	ug/L	1
6/25/93	BLK93732	GCQUE1306241717	ND	0.14	ug/L	1
6/27/93	BLK93828	GCQUE1306271713	0.25	0.14	ug/L	1
8/10/93	BLK931831	GCPEA1308101540	ND	0.094	ug/L	1
8/11/93	BLK931834	GCJAY1308111427	ND	0.12	ug/L	1
8/16/93	BLK931977	GCPEA1308161047	ND	0.094	ug/L	1
8/23/93	BLK931997	GCTEX1308231220	ND	0.074	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.074	ug/L	1
9/15/93	BLK932371	GCJAY1309150130	ND	0.12	ug/L	1
9/20/93	BLK932379	GCJAY1309201444	0.40	0.12	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.14	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.074	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.12	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND	0.074	ug/L	. 1
10/04/93	BLK932891	GCPEA1310041056	ND	0.094	ug/L	1
0/06/93	BLK932895	GCTEX1310061111	ND	0.074	ug/L	1
Tot	al Number of Blanks = 23	3	Concent	tration Range 0	.25 - 0.4	40
	al Number above Detection			n Detection Limit		

Analyte : Dibromomethane

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND		0.14	ug/L	1
06/10/93	BT-02	GCQUE1306091614	0.45	(T)	0.14	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.074	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.074	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Analyte: Dibromomethane, cont.

Type of Blank : Trip Blank

						_
06/24/93	BT-06	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.074	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.14	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.14	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.094	ug/L	1
08/17/93	BT-12	GCPEA1308161047	0.58	0.094	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.074	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.074	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.12	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.074	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.094	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 2

Concentration Range 0.45 -

0.58

Maximum Detection Limit = 0.14

Method: SW8010 - Halogenated Volatile Organics

Analyte : Methylene chloride

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	6.8	(B)	0.084	ug/L	1
06/16/93	BA-02	GCTEX1306152237	4.5	(B)	0.084	ug/L	1
06/24/93	BA-04	GCQUE1306231533	1.4		0.22	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.22	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.22	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.22	ug/L	1
06/28/93	BA-05	GCQUE1306271713	0.0075	(P)	0.22	ug/L	1
08/24/93	AB-06	GCTEX1308231220	3.3	(B)	0.084	ug/L	1
09/23/93	AB-07	GCTEX1309221032	3.4	(B)	0.084	ug/L	1
09/23/93	AB-08	GCJAY1309231030	2.4		0.056	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND		0.056	ug/L	1
09/24/93	AB-10	GCTEX1309231506	2.8	(B)	0.084	ug/L	1
09/24/93	AB-11	GCTEX1309231506	3.1	(B)	0.084	ug/L	1
		*					

Total Number of Blanks = 13

Total Number above Detection Limit = 8

Concentration Range 1.4 - 6.8

Maximum Detection Limit = 0.22

Method: SW8010 - Halogenated Volatile Organics

Analyte : Methylene chloride

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

R7_7

* - Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
ype of Blank :	Equipment Blank						
6/30/93	04-MW-01-EB-03	GCQUE1306291223	0.90		0.22	ug/L	1
0/07/93	08-GP-01-EB-01	GCTEX1310061111	1.9	(B)	0.084	ug/L	1
	al Number of Blanks = 2 al Number above Detectio	n Limit = 2			ion Range tection Limi		
	SW8010 - Halogenated Vo Methylene chloride Method Blank	latile Organics	·				
6/09/93	BLK93460	GCQUE1306091614	ND		0.22	ug/L	1
6/14/93	BLK93515	GCTEX1306141311	0.40		0.084	ug/L	1
6/16/93	BLK93548	GCTEX1306152237	0.62		0.084	ug/L	1
6/20/93	BLK93554	GCPEA1306201359	ND		0.043	ug/L	1
6/21/93	BLK93697	GCTEX1306211441	0.46		0.084	ug/L	1
6/23/93	BLK93701	GCQUE1306231533	ND		0.22	ug/L	1
6/23/93	BLK93700	GCTEX1306222319	0.70		0.084	ug/L	1
6/25/93	BLK93732	GCQUE1306241717	ND		0.22	ug/L	1
0/ 53/ 55	BLK93731	GCTEX1306250629	0.84		0.084	ug/L	1
	DLN33/31					ug/L	1
6/25/93	BLK93828	GCQUE1306271713	ND		0.22	ug/ L	
6/25/93 6/27/93		GCQUE1306271713 GCPEA1308101540	ND 0.42		0.22 0.043	ug/L	1
6/25/93 6/27/93 8/10/93	BLK93828					_	1
6/25/93 6/27/93 8/10/93 8/11/93	BLK93828 BLK931831	GCPEA1308101540	0.42		0.043	ug/L ug/L ug/L	1
06/25/93 06/25/93 06/27/93 08/10/93 08/11/93 08/16/93	BLK93828 BLK931831 BLK931834	GCPEA1308101540 GCJAY1308111427	0.42 0.23		0.043 0.056 0.043 0.084	ug/L ug/L ug/L ug/L	1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93	BLK93828 BLK931831 BLK931834 BLK931977	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047	0.42 0.23 0.25 0.32 0.48		0.043 0.056 0.043 0.084 0.084	ug/L ug/L ug/L ug/L ug/L	1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93 8/23/93 8/25/93	BLK93828 BLK931831 BLK931834 BLK931977 BLK931997	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047 GCTEX1308231220 GCTEX1308242018 GCJAY1309150130	0.42 0.23 0.25 0.32		0.043 0.056 0.043 0.084 0.084	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93 8/23/93 8/25/93 9/15/93	BLK93828 BLK931831 BLK931834 BLK931977 BLK931997 BLK932000 BLK932371 BLK932379	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047 GCTEX1308231220 GCTEX1308242018 GCJAY1309150130 GCJAY1309201444	0.42 0.23 0.25 0.32 0.48 ND 0.040	(J)	0.043 0.056 0.043 0.084 0.084 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93 8/23/93 8/25/93 9/15/93 9/20/93	BLK93828 BLK931831 BLK931834 BLK931977 BLK931997 BLK932000 BLK932371	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047 GCTEX1308231220 GCTEX1308242018 GCJAY1309150130	0.42 0.23 0.25 0.32 0.48 ND 0.040	(J)	0.043 0.056 0.043 0.084 0.084 0.056 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93 8/23/93 8/25/93 9/15/93 9/20/93	BLK93828 BLK931831 BLK931834 BLK931977 BLK931997 BLK932000 BLK932371 BLK932379	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047 GCTEX1308231220 GCTEX1308242018 GCJAY1309150130 GCJAY1309201444	0.42 0.23 0.25 0.32 0.48 ND 0.040 0.080 0.19		0.043 0.056 0.043 0.084 0.084 0.056 0.056 0.22	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93 8/23/93 8/25/93 9/15/93 9/20/93 9/22/93	BLK93828 BLK931831 BLK931834 BLK931977 BLK931997 BLK932371 BLK932379 BLK932379	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047 GCTEX1308231220 GCTEX1308242018 GCJAY1309150130 GCJAY1309201444 GCQUE1309221453	0.42 0.23 0.25 0.32 0.48 ND 0.040		0.043 0.056 0.043 0.084 0.084 0.056 0.056 0.22 0.084 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93 8/23/93	BLK93828 BLK931831 BLK931834 BLK931977 BLK931997 BLK932371 BLK932379 BLK932686 BLK932686	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047 GCTEX1308231220 GCTEX1308242018 GCJAY1309150130 GCJAY1309201444 GCQUE1309221453 GCTEX1309221032	0.42 0.23 0.25 0.32 0.48 ND 0.040 0.080 0.19		0.043 0.056 0.043 0.084 0.084 0.056 0.056 0.22	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1
6/25/93 6/27/93 8/10/93 8/11/93 8/16/93 8/23/93 8/25/93 9/15/93 9/20/93 9/22/93 9/22/93 9/23/93	BLK93828 BLK931831 BLK931834 BLK931977 BLK931997 BLK932371 BLK932379 BLK932686 BLK932683 BLK932683	GCPEA1308101540 GCJAY1308111427 GCPEA1308161047 GCTEX1308231220 GCTEX1308242018 GCJAY1309150130 GCJAY1309201444 GCQUE1309221453 GCTEX1309221032 GCJAY1309231030	0.42 0.23 0.25 0.32 0.48 ND 0.040 0.080 0.19		0.043 0.056 0.043 0.084 0.084 0.056 0.056 0.22 0.084 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1

Total Number above Detection Limit = 14

Concentration Range

Maximum Detection Limit = 0.22

Method : SW8010 - Halogenated Volatile Organics

Analyte : Methylene chloride

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND		0.22	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.22	ug/L	1
06/14/93	BT-03	GCTEX1306141311	0.45	(PB)	0.084	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.22	ug/L	1

NC = Not Calculable Compiled: 21 April 1994 ND = Not Detected * - Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	ethod : SW8010 - Haloga alyte : Methylene chlon	enated Volatile Organics					
Type of E	Blank : Trip Blank						
06/25/93	BT-08	GCQUE1306241717	ND		0.22	ug/L	1
6/25/93	BT-10	GCQUE1306241717	ND		0.22	ug/L	1
6/28/93	BT-07	GCQUE1306271713	ND		0.22	ug/L	1
8/11/93	BT-11	GCPEA1308101540	0.17	(B)	0.043	ug/L	1
8/17/93	BT-12	GCPEA1308161047	ND		0.043	ug/L	1
8/25/93	TB-06-02	GCTEX1308242018	0.92	(TB)	0.084	ug/L	1
9/15/93	TB-07-02	GCJAY1309150130	0.24		0.056	ug/L	1
9/21/93	TB-08-02	GCJAY1309201444	0.68	(TB)	0.056	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	0.33	(B)	0.084	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	ND		0.084	ug/L	1
0/05/93	TB-14-02	GCPEA1310041056	0.41	(TB)	0.043	ug/L	1

Analyte : Tetrachloroethene

Type of Blank : A	mbient Blank
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06/15/93	BA-01	GCTEX1306141311	ND	0.075	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.075	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.075	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.075	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.075	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.076	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.076	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.075	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.075	ug/L	1

Total Number of Blanks = 13

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.1

 ${\tt Method} \ : \ {\tt SW8010} \ - \ {\tt Halogenated} \ {\tt Volatile} \ {\tt Organics}$ 

Analyte : Tetrachloroethene

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.10	ug/L	1

DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT TABLE B-7 DILUTION DETECTION SAMPLE BATCH DATE LIMIT UNITS **FACTOR** RESULT **ANALYZED** ID ID _____ _____ Method: SW8010 - Halogenated Volatile Organics Analyte: Tetrachloroethene, cont. Type of Blank: Equipment Blank 0.075 GCTEX1310061111 08-GP-01-EB-01 10/07/93 Total Number of Blanks = 2 Concentration Range NC Maximum Detection Limit = 0.1 Total Number above Detection Limit = 0 Method: SW8010 - Halogenated Volatile Organics Analyte : Tetrachloroethene Type of Blank: Method Blank 0.10 ug/L GCQUE1306091614 ND 06/09/93 BLK93460 ND 0.075 ug/L GCTEX1306141311 06/14/93 BLK93515 0.075 ug/L GCTEX1306152237 ND 06/16/93 BLK93548 0.038 ug/L ND 06/20/93 BLK93554 GCPEA1306201359 0.075 BLK93697 GCTEX1306211441 ND ug/L 06/21/93 GCQUE1306231533 ND 0.10 ug/L 06/23/93 BLK93701 0.075 ug/L GCTEX1306222319 ND 06/23/93 BLK93700 0.10 ug/L GCQUE1306241717 ND BLK93732 06/25/93 0.075 ug/L ND GCTEX1306250629 06/25/93 BLK93731 0.10 ug/L GCQUE1306271713 ND 06/27/93 BLK93828 ug/L 08/10/93 BLK931831 GCPEA1308101540 ND 0.038 GCJAY1308111427 ND 0.076 ug/L BLK931834 08/11/93 NΠ 0.038 ug/L BLK931977 GCPEA1308161047 08/16/93

BLK932895	GCTEX1310061111	ND	0.075	ug/L
Total Number of Blanks = 23 Total Number above Detectio			ration Range NC Detection Limit =	0.101

GCTEX1308231220

GCTEX1308242018

GCJAY1309150130

GCJAY1309201444 GCQUE1309221453

GCTEX1309221032

GCJAY1309231030

GCTEX1309231506

GCPEA1310041056

ND

ND

ND

ND

ND

ND

ND

0.075

0.075

0.076

0.076

0.10

0.075

0.076

0.075

0.038

Method: SW8010 - Halogenated Volatile Organics

BLK931997

BLK932000

BLK932371

BLK932379

BLK932686

BLK932683

BLK932687

BLK932690

BLK932891

Analyte : Tetrachloroethene

Type of Blank: Trip Blank

08/23/93

08/25/93

09/15/93

09/20/93

09/22/93

09/22/93

09/23/93

09/23/93

10/04/93

10/06/93 _____

06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

NA = Not Applicable

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID ID RESULT LIMIT		UNITS	FACTOR		
Me	thod : SW8010 - Halog	enated Volatile Organics					
	lyte : Tetrachloroeth	= <del>-</del>					
Type of B	lank : Trip Blank						
06/10/93	BT-02	GCQUE1306091614	ND		0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.075	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.075	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.10	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND		0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.075	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.10	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.038	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.038	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.075	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.076	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.076	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.075	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	0.034	(J)	0.076	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	. ,	0.075	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND		0.038	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.1

Method : SW8010 - Halogenated Volatile Organics

Analyte : Tribromomethane(Bromoform)

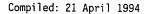
Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.094	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.094	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.094	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.14	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.14	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.094	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.094	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND	0.028	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.094	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.028	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.094	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.14



DATE	SAMPLE	BATCH			DILUTION	
ANALYZED	. ID	ID	RESULT	LIMIT	UNITS	FACTOR

Analyte: Tribromomethane(Bromoform)

Type of Blank : Equipment Blank

06/30/93 04-MW-01-EB-03 GCQUE1306291223 ND 0.14 ug/L 1 10/07/93 08-GP-01-EB-01 GCTEX1310061111 ND 0.094 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.14

Method : SW8010 - Halogenated Volatile Organics

Analyte: Tribromomethane(Bromoform)

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND		0.14	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.094	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.094	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	0.031	(J)	0.25	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.094	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.094	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.14	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.094	ug/L	. 1
06/25/93	BLK93732	GCQUE1306241717	0.094	(J)	0.14	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.14	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.25	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.028	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.25	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.094	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.094	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.028	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND		0.028	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.094	ug/L	. 1
09/22/93	BLK932686	GCQUE1309221453	ND		0.14	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.028	ug/L	· 1
09/23/93	BLK932690	GCTEX1309231506	ND		0.094	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.25	ug/L	1
10/06/93	BLK932895	. GCTEX1310061111	ND		0.094	ug/L	1

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.252

Method: SW8010 - Halogenated Volatile Organics

Analyte : Tribromomethane(Bromoform)

Type of Blank: Trip Blank

DATE	SAMPLE	BATCH		DETECTION	7.77	DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	ethod : SW8010 - Halog	enated Volatile Organics				
	lyte : Tribromomethan	-				
Type of B	lank : Trip Blank					
06/09/93	BT-01	GCQUE1306091614	0.30	0.14	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.14	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.094	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.094	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.14	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.094	ug/L	1
6/25/93	BT-10	GCQUE1306241717	ND	0.14	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.14	ug/L	1
6/28/93	BT-07	GCQUE1306271713	ND	0.14	ug/L	1
8/11/93	BT-11	GCPEA1308101540	ND	0.25	ug/L	1
8/17/93	BT-12	GCPEA1308161047	ND	0.25	ug/L	1
8/25/93	TB-06-02	GCTEX1308242018	ND	0.094	ug/L	1
9/15/93	TB-07-02	GCJAY1309150130	ND	0.028	ug/L	1
9/21/93	TB-08-02	GCJAY1309201444	ND	0.028	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	ND	0.094	ug/L	1
9/24/93	TB-10-02	GCJAY1309231030	ND	0.028	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	ND	0.094	ug/L	1
0/05/93	TB-14-02	GCPEA1310041056	ND	0.25	ug/L	1
Tota	al Number of Blanks =	18	Concent	ration Range 0.	.30 - 0.3	 n
	al Number above Detect	= =		Detection Limit		U

Analyte : Trichloroethene

Type of Blank : Ambient Blank

		•				
06/16/93	BA-02	GCTEX1306152237	ND	0.073	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.073	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.11	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.11	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.11	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.073	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.073	ug/L	1
09/24/93	AB-09	GCJAY1309231030	ND	0.10	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND	0.073	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND	0.073	ug/L	1
					<b>-</b>	

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.11

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Analyte : Trichloroethene

Type of Blank: Equipment Blank

06/30/93 04-MW-01-EB-03 GCQUE1306291223 ND 0.11 ug/L 1 GCTEX1310061111 0.073 ug/L 1 10/07/93 08-GP-01-EB-01

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.11

Method: SW8010 - Halogenated Volatile Organics

Analyte : Trichloroethene

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND		0.11	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND		0.073	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND		0.073	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND		0.039	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND		0.073	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND		0.073	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND		0.11	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND		0.073	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND		0.11	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND		0.11	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND		0.039	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND		0.10	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND		0.039	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND		0.073	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND		0.073	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND		0.10	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	0.0031	<u>(</u> J)	0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND		0.073	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND		0.11	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND		0.10	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND		0.073	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND		0.039	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND		0.073	ug/L	1

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.112

Method : SW8010 - Halogenated Volatile Organics

Analyte : Trichloroethene

Type of Blank: Trip Blank

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	1D	RESULT	LIMIT 	UNITS	FACTOR
	Method : SW8010 - Halog	enated Volatile Organics				
	Analyte : Trichloroethen	e, cont.				
Туре	of Blank : Trip Blank					
06/09/93	BT-01	GCQUE1306091614	ND	0.11	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.11	ug/L	1
6/14/93	BT-03	GCTEX1306141311	ND	0.073	ug/L	1
6/24/93	BT-06	GCQUE1306231533	ND	0.11	ug/L	1
6/25/93	BT-10	GCQUE1306241717	ND	0.11	ug/L	1
6/25/93	BT-08	GCQUE1306241717	0.0012	(J) 0.11	ug/L	1
6/25/93	BT-09	GCTEX1306250629	ND	0.073	ug/L	1
6/28/93	BT-07	GCQUE1306271713	ND	0.11	ug/L	1
8/11/93	BT-11	GCPEA1308101540	ND	0.039	ug/L	1
8/17/93	BT-12	GCPEA1308161047	ND	0.039	ug/L	1
8/25/93	TB-06-02	GCTEX1308242018	ND	0.073	ug/L	1
9/15/93	TB-07-02	GCJAY1309150130	ND	0.10	ug/L	1
9/21/93	TB-08-02	GCJAY1309201444	ND	0.10	ug/L	1
9/23/93	TB-09-02	GCTEX1309221032	ND	0.073	ug/L	1
9/24/93	TB-10-02	GCJAY1309231030	ND	0.10	ug/L	1
9/24/93	TB-11-02	GCTEX1309231506	ND	0.073	ug/L	1
0/05/93	TB-14-02	GCPEA1310041056	ND	0.039	ug/L	1

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.11

Method : SW8010 - Halogenated Volatile Organics

Analyte : Trichlorofluoromethane

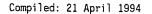
Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.098	ug/L	1	
06/24/93	BA-04	GCQUE1306231533	ND	0.075	ug/L	1	
06/25/93	BA-08	GCQUE1306241717	ND	0.075	ug/L	1	
06/25/93	BA-07	GCTEX1306250629	ND	0.098	ug/L	1	
06/25/93	BA-09	GCQUE1306241717	ND	0.075	ug/L	1	
06/25/93	BA-06	GCQUE1306241717	ND	0.075	ug/L	1	
06/28/93	BA-05	GCQUE1306271713	ND	0.075	ug/L	1	
08/24/93	AB-06	GCTEX1308231220	ND	0.098	ug/L	1	
09/23/93	AB-07	GCTEX1309221032	ND	0.098	ug/L	1	
09/23/93	AB-08	GCJAY1309231030	ND	0.064	ug/L	1	
09/24/93	AB-11	GCTEX1309231506	ND	0.098	ug/L	1	
09/24/93	AB-09	GCJAY1309231030	ND	0.064	ug/L	1	
09/24/93	AB-10	GCTEX1309231506	ND	0.098	ug/L	1	

Total Number of Blanks = 13

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.098



ANALYZED ID ID RESULT LIMIT UNITS	FACTOR
DATE SAMPLE BATCH DETECTION	DILUTION

Analyte : Trichlorofluoromethane

Type of Blank: Equipment Blank

06/30/93 04-MW-01-EB-03 GCQUE1306291223 ND 0.075 ug/L 1 10/07/93 08-GP-01-EB-01 GCTEX1310061111 ND 0.098 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.098

Method: SW8010 - Halogenated Volatile Organics

Analyte : Trichlorofluoromethane

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.075	ug/L	1	
06/14/93	BLK93515	GCTEX1306141311	ND	0.098	ug/L	1	
06/16/93	BLK93548	GCTEX1306152237	ND	0.098	ug/L	1	
06/20/93	BLK93554	GCPEA1306201359	ND	0.060	ug/L	1	
06/21/93	BLK93697	GCTEX1306211441	ND	0.098	ug/L	1	
06/23/93	BLK93700	GCTEX1306222319	ND	0.098	ug/L	1	
06/23/93	BLK93701	GCQUE1306231533	ND	0.075	ug/L	1	
06/25/93	BLK93731	GCTEX1306250629	ND	0.098	ug/L	1	
06/25/93	BLK93732	GCQUE1306241717	ND	0.075	ug/L	1	
06/27/93	BLK93828	GCQUE1306271713	ND	0.075	ug/L	1	
08/10/93	BLK931831	GCPEA1308101540	ND	0.060	ug/L	1	
08/11/93	BLK931834	GCJAY1308111427	ND	0.064	ug/L	1	
08/16/93	BLK931977	GCPEA1308161047	ND	0.060	ug/L	1	
08/23/93	BLK931997	GCTEX1308231220	ND	0.098	ug/L	1	
08/25/93	BLK932000	GCTEX1308242018	ND	0.098	ug/L	1	
09/15/93	BLK932371	GCJAY1309150130	ND	0.064	ug/L	1	
09/20/93	BLK932379	GCJAY1309201444	ND	0.064	ug/L	1	
09/22/93	BLK932683	GCTEX1309221032	ND	0.098	ug/L	1	
09/22/93	BLK932686	GCQUE1309221453	ND	0.075	ug/L	1	
09/23/93	BLK932687	GCJAY1309231030	ND	0.064	ug/L	1	
09/23/93	BLK932690	GCTEX1309231506	ND	0.098	ug/L	1	
10/04/93	BLK932891	GCPEA1310041056	ND	0.060	ug/L	1	
10/06/93	BLK932895	GCTEX1310061111	ND	0.098	ug/L	1	

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.098

Method: SW8010 - Halogenated Volatile Organics

Analyte : Trichlorofluoromethane

Type of Blank : Trip Blank

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Analyte: Trichlorofluoromethane, cont.

Type of Blank : Trip Blank

							•
06/09/93	BT-01	GCQUE1306091614	ND		0.075	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND		0.075	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND		0.098	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND		0.098	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND		0.075	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND		0.075	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND		0.098	ug/L	1
06/25/93	BT-10	GCQUE1306241717	0.0065	(J)	0.075	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND		0.075	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND		0.060	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND		0.060	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND		0.098	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND		0.064	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND		0.064	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND		0.098	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND		0.064	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND		0.098	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	0.11		0.060	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 1

Concentration Range 0.11 -

0.11

Maximum Detection Limit = 0.098

Method : SW8010 - Halogenated Volatile Organics

Analyte : Vinyl chloride

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND		0.15	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND		0.15	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND		0.20	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND		0.20	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND		0.20	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND		0.20	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND		0.15	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND		0.20	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND		0.15	ug/L	1
09/23/93	AB-08	GCJAY1309231030	ND		0.16	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND		0.15	ug/L	1
09/24/93	AB-09	GCJAY1309231030	0.019	(J)	0.16	ug/L	1
09/24/93	AB-10	GCTEX1309231506	ND		0.15	ug/L	1
09/24/93	AB-11	GCTEX1309231506	ND		0.15	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.2

TABLE B	5-7
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ANALYZED	10	10	RE30E1			
ANAL VZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Analyte : Vinyl chloride, cont.

Type of Blank : Ambient Blank

Method : SW8010 - Halogenated Volatile Organics

Analyte : Vinyl chloride

Type of Blank: Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.20	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.15	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.2

Method: SW8010 - Halogenated Volatile Organics

Analyte : Vinyl chloride

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.20	ug/L	1	
06/14/93	BLK93515	GCTEX1306141311	ND	0.15	ug/L	1	
06/16/93	BLK93548	GCTEX1306152237	ND	0.15	ug/L	1	
06/20/93	BLK93554	GCPEA1306201359	ND	0.076	ug/L	1	
06/21/93	BLK93697	GCTEX1306211441	ND	0.15	ug/L	1	
06/23/93	BLK93701	GCQUE1306231533	ND	0.20	ug/L	1	
06/23/93	BLK93700	GCTEX1306222319	ND	0.15	ug/L	1	
06/25/93	BLK93731	GCTEX1306250629	ND	0.15	ug/L -	1	
06/25/93	BLK93732	GCQUE1306241717	ND	0.20	ug/L	1	
06/27/93	BLK93828	GCQUE1306271713	ND	0.20	ug/L	1	
08/10/93	BLK931831	GCPEA1308101540	ND	0.076	ug/L	1	
08/11/93	BLK931834	GCJAY1308111427	ND	0.16	ug/L	1	
08/16/93	BLK931977	GCPEA1308161047	ND	0.076	ug/L	1	
08/23/93	BLK931997	GCTEX1308231220	ND	0.15	ug/L	1	
08/25/93	BLK932000	GCTEX1308242018	ND	0.15	ug/L	1	
09/15/93	BLK932371	GCJAY1309150130	ND	0.16	ug/L	1	
09/20/93	BLK932379	GCJAY1309201444	ND	0.16	ug/L	1	
09/22/93	BLK932686	GCQUE1309221453	ND	0.21	ug/L	1	
09/22/93	BLK932683	GCTEX1309221032	ND	0.15	ug/L	1	
09/23/93	BLK932690	GCTEX1309231506	ND	0.15	ug/L	1	
09/23/93	BLK932687	GCJAY1309231030	ND	0.16	ug/L	1	
10/04/93	BLK932891	GCPEA1310041056	ND	0.076	ug/L	1	
10/06/93	BLK932895	GCTEX1310061111	ND	0.15	ug/L	1	

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.205

TA	BL	Ε	B-	7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Analyte : Vinyl chloride, cont.

Type of Blank : Method Blank

Method : SW8010 - Halogenated Volatile Organics

Analyte : Vinyl chloride

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE1306091614	ND	0.20	ug/L	1	
06/10/93	BT-02	GCQUE1306091614	ND	0.20	ug/L	1	
06/14/93	BT-03	GCTEX1306141311	ND	0.15	ug/L	1	
06/16/93	BT-04	GCTEX1306152237	ND	0.15	ug/L	1	
06/24/93	BT-06	GCQUE1306231533	ND	0.20	ug/L	1	
06/25/93	BT-09	GCTEX1306250629	ND	0.15	ug/L	1	
06/25/93	BT-08	GCQUE1306241717	ND	0.20	ug/L	1	
06/25/93	BT-10	GCQUE1306241717	ND	0.20	ug/L	1	
06/28/93	BT-07	GCQUE1306271713	ND	0.20	ug/L	1	
08/11/93	BT-11	GCPEA1308101540	ND	0.076	ug/L	1	
08/17/93	BT-12	GCPEA1308161047	ND	0.076	ug/L	1	
08/25/93	TB-06-02	GCTEX1308242018	ND	0.15	ug/L	1	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.16	ug/L	1	
09/21/93	TB-08-02	GCJAY1309201444	ND	0.16	ug/L	1	
09/23/93	TB-09-02	GCTEX1309221032	ND	0.15	ug/L	1	
09/24/93	TB-10-02	GCJAY1309231030	ND	0.16	ug/L	1	
09/24/93	TB-11-02	GCTEX1309231506	ND	0.15	ug/L	1	
10/05/93	TB-14-02	GCPEA1310041056	ND	0.076	ug/L	1	

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.2

Method: SW8010 - Halogenated Volatile Organics

Analyte : cis-1,3-Dichloropropene

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.080	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.074	ug/L	1
06/25/93	BA-08	GCQUE1306241717	ND	0.074	ug/L	1
06/25/93	BA-09	GCQUE1306241717	ND	0.074	ug/L	1
06/25/93	BA-07	GCTEX1306250629	ND	0.080	ug/L	1
06/25/93	BA-06	GCQUE1306241717	ND	0.074	ug/L	1
06/28/93	BA-05	GCQUE1306271713	ND	0.074	ug/L	1
08/24/93	AB-06	GCTEX1308231220	ND	0.080	ug/L	1
09/23/93	AB-07	GCTEX1309221032	ND	0.080	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
ı	Method : SW8010 - Halog	enated Volatile Organics				
	nalyte : cis-1,3-Dichlo	<del>-</del>		4		
Type of	Blank : Ambient Blank					
9/23/93	AB-08	GCJAY1309231030	ND	0.057	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.057	ug/L	. 1
9/24/93	AB-11	GCTEX1309231506	ND	0.080	ug/L	1
	AB-10	GCTEX1309231506	ND	0.080	ug/L	1

Analyte : cis-1,3-Dichloropropene

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.074	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.080	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0804

Method : SW8010 - Halogenated Volatile Organics

Analyte : cis-1,3-Dichloropropene

Type of Blank: Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.074	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.080	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.080	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.022	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ŃD	0.080	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.080	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.074	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.080	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.074	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.074	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.022	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.057	ug/L	1
08/16/93	BLK931977	GCPEA1308161047	ND	0.022	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.080	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.080	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.057	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.057	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.080	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.075	ug/L	1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
					*	
M	ethod : SW8010 - Halogo	enated Volatile Organics				
An	alyte : cis-1,3-Dichlo	ropropene, cont.				
Type of	Blank : Method Blank					
9/23/93	BLK932687	GCJAY1309231030	ND	0.057	ug/L	1
9/23/93	BLK932690	GCTEX1309231506	ND	0.080	ug/L	1
0/04/93	BLK932891	GCPEA1310041056	ND	0.022	ug/L	1
0/06/93	BLK932895	GCTEX1310061111	ND	0.080	ug/L	1
To	tal Number of Blanks =	23	Concent	 ration Range N	<b></b>	
т	tal Number above Detect		M	Detection Limit	0.0004	

Analyte : cis-1,3-Dichloropropene

Type of Blank: Trip Blan	Type	of	Blank	:	Trip	Blank
--------------------------	------	----	-------	---	------	-------

06/09/93	BT-01	GCQUE1306091614	ND	0.074	ug/L	1	
06/10/93	BT-02	GCQUE1306091614	ND	0.074	ug/L	1	
06/14/93	BT-03	GCTEX1306141311	ND	0.080	ug/L	1	
06/16/93	BT-04	GCTEX1306152237	ND	0.080	ug/L	1	4
06/24/93	BT-06	GCQUE1306231533	ND	0.074	ug/L	1	•
06/25/93	BT-10	GCQUE1306241717	ND	0.074	ug/L	1	
06/25/93	BT- <b>0</b> 9	GCTEX1306250629	ND	0.080	ug/L	1	
06/25/93	BT-08	GCQUE1306241717	ND	0.074	ug/L	1	
06/28/93	BT-07	GCQUE1306271713	ND	0.074	ug/L	1	
08/11/93	BT-11	GCPEA1308101540	ND	0.022	ug/L	1	
08/17/93	BT-12	GCPEA1308161047	ND	0.022	ug/L	1	
08/25/93	TB-06-02	GCTEX1308242018	ND	0.080	ug/L	1	
09/15/93	TB-07-02	GCJAY1309150130	ND	0.057	ug/L	1	
09/21/93	TB-08-02	GCJAY1309201444	ND	0.057	ug/L	1	
09/23/93	TB-09-02	GCTEX1309221032	ND	0.080	ug/L	1	
09/24/93	TB-10-02	GCJAY1309231030	ND	0.057	ug/L	1	
09/24/93	TB-11-02	GCTEX1309231506	ND	0.080	ug/L	1	
10/05/93	TB-14-02	GCPEA1310041056	ND	0.022	ug/L	1	
					-		

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0804

Method : SW8010 - Halogenated Volatile Organics

Analyte : trans-1,2-Dichloroethene

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX1306141311	ND	0.087	ug/L	1
06/16/93	BA-02	GCTEX1306152237	ND	0.087	ug/L	1
06/24/93	BA-04	GCQUE1306231533	ND	0.10	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		enated Volatile Organics				
	Analyte : trans-1,2-Dich	loroethene, cont.				
Туре	of Blank : Ambient Blank					
06/25/93	BA-09	GCQUE1306241717	ND	0.10	ug/L	1
6/25/93	BA-07	GCTEX1306250629	ND	0.087	ug/L	1
6/25/93	BA-06	GCQUE1306241717	ND	0.10	ug/L	1
6/25/93	BA-08	GCQUE1306241717	ND	0.10	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.10	ug/L	1
8/24/93	AB-06	GCTEX1308231220	ND	0.087	ug/L	1
9/23/93	AB-08	GCJAY1309231030	ND	0.045	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND	0.087	ug/L	1
9/24/93	AB-11	GCTEX1309231506	ND	0.087	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.045	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.087	ug/L	1
	Total Number of Blanks =	14	Concent	tration Range N	IC	
	Total Number above Detec	tion Limit = 0	Maximum	n Detection Limit	= 0.1	
				•		
	nod : SW8010 - Halogenated yte : trans-1,2-Dichloroet					
ype of Bla	ank : Equipment Blank					
06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.10	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.1

Method : SW8010 - Halogenated Volatile Organics

Analyte : trans-1,2-Dichloroethene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.087	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.087	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.16	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.087	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.10	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.087	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.087	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.10	ug/L	1
06/27/93	BLK93828	GCQUE1306271713	ND	0.10	ug/L	1
08/10/93	BLK931831	GCPEA1308101540	ND	0.16	ug/L	1
08/11/93	BLK931834	GCJAY1308111427	ND	0.045	ug/L	1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Analyte : trans-1,2-Dichloroethene, cont.

Type of Blank : Method Blank

	•					
08/16/93	BLK931977	GCPEA1308161047	ND	0.16	ug/L	1
08/23/93	BLK931997	GCTEX1308231220	ND	0.087	ug/L	1
08/25/93	BLK932000	GCTEX1308242018	ND	0.087	ug/L	1
09/15/93	BLK932371	GCJAY1309150130	ND	0.045	ug/L	1
09/20/93	BLK932379	GCJAY1309201444	ND	0.045	ug/L	1
09/22/93	BLK932686	GCQUE1309221453	ND	0.10	ug/L	1
09/22/93	BLK932683	GCTEX1309221032	ND	0.087	ug/L	1
09/23/93	BLK932690	GCTEX1309231506	ND .	0.087	ug/L	1
09/23/93	BLK932687	GCJAY1309231030	ND	0.045	ug/L	1
10/04/93	BLK932891	GCPEA1310041056	ND	0.16	ug/L	1
10/06/93	BLK932895	GCTEX1310061111	ND	0.087	ug/L	1

Total Number of Blanks = 23

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.16

Method: SW8010 - Halogenated Volatile Organics

Analyte : trans-1,2-Dichloroethene

Type of Blank : Trip Blank

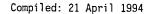
06/09/93	BT-01	GCQUE1306091614	ND	0.10	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.10	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.087	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.087	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.10	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.10	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.087	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.10	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.10	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.16	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.16	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.087	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.045	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.045	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.087	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.045	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.087	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.16	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.16



DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method ·	SW8010 - Halogenated	Volatile Organics				
	trans-1,3-Dichloropr	<del>-</del>				
ype of Blank :	Ambient Blank					
06/15/93	BA-01	GCTEX1306141311	NĐ	0.072	ug/L	1
6/16/93	BA-02	GCTEX1306152237	ND	0.072	ug/L	1
6/24/93	BA-04	GCQUE1306231533	ND	0.057	ug/L	1
6/25/93	BA-09	GCQUE1306241717	ND	0.057	ug/L	1
6/25/93	BA~08	GCQUE1306241717	ND	0.057	ug/L	1
6/25/93	BA-07	GCTEX1306250629	ND	0.072	ug/L	1
6/25/93	BA-06	GCQUE1306241717	ND	0.057	ug/L	1
6/28/93	BA-05	GCQUE1306271713	ND	0.057	ug/L	1
8/24/93	· AB-06	GCTEX1308231220	ND	0.072	ug/L	1
9/23/93	AB-07	GCTEX1309221032	ND	0.072	ug/L	- 1
9/23/93	AB-08	GCJAY1309231030	ND	0.12	ug/L	1
9/24/93	AB-11	GCTEX1309231506	ND	0.072	ug/L	1
9/24/93	AB-09	GCJAY1309231030	ND	0.12	ug/L	1
9/24/93	AB-10	GCTEX1309231506	ND	0.072	ug/L	1

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.117

Method: SW8010 - Halogenated Volatile Organics

Analyte : trans-1,3-Dichloropropene

Type of Blank : Equipment Blank

06/30/93	04-MW-01-EB-03	GCQUE1306291223	ND	0.057	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX1310061111	ND	0.072	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0719

Method : SW8010 - Halogenated Volatile Organics

Analyte : trans-1,3-Dichloropropene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE1306091614	ND	0.057	ug/L	1
06/14/93	BLK93515	GCTEX1306141311	ND	0.072	ug/L	1
06/16/93	BLK93548	GCTEX1306152237	ND	0.072	ug/L	1
06/20/93	BLK93554	GCPEA1306201359	ND	0.030	ug/L	1
06/21/93	BLK93697	GCTEX1306211441	ND	0.072	ug/L	1
06/23/93	BLK93700	GCTEX1306222319	ND	0.072	ug/L	1
06/23/93	BLK93701	GCQUE1306231533	ND	0.057	ug/L	1
06/25/93	BLK93732	GCQUE1306241717	ND	0.057	ug/L	1
06/25/93	BLK93731	GCTEX1306250629	ND	0.072	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	ВАТСН		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		***************************************				
Me	ethod : SW8010 - Halog	enated Volatile Organics				
Ana	alyte : trans-1,3-Dich	loropropene, cont.				
Type of B	Blank : Method Blank					
5/27/93	BLK93828	GC0UE1306271713	ND	0.057		•
/10/93	BLK931831	GCPEA1308101540	ND ND	0.057 0.030	ug/L ug/L	1
/11/93	BLK931834	GCJAY1308111427	ND	0.12	ug/L ug/L	1
/16/93	BLK931977	GCPEA1308161047	ND	0.030	ug/L	1
/23/93	BLK931997	GCTEX1308231220	ND	0.072	ug/L	1
/25/93	BLK932000	GCTEX1308242018	ND	0.072	ug/L	1
/15/93	BLK932371	GCJAY1309150130	ND	0.12	ug/L	1
/20/93	BLK932379	GCJAY1309201444	ND	0.12	ug/L	1
/22/93	BLK932683	GCTEX1309221032	ND	0.072	ug/L	1
/22/93	BLK932686	GCQUE1309221453	ND	0.057	ug/L	1
/23/93	BLK932690	GCTEX1309231506	ND	0.072	ug/L	1
/23/93	BLK932687	GCJAY1309231030	ND	0.12	ug/L	1
/04/93	BLK932891	GCPEA1310041056	ND	0.030	ug/L	1

Total Number above Detection Limit = 0

BLK932895 GCTEX1310061111 ND

Concentration Range NC Maximum Detection Limit = 0.117

0.072

ug/L

1

Method : SW8010 - Halogenated Volatile Organics

Analyte : trans-1,3-Dichloropropene

Type of Blank : Trip Blank

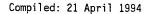
10/06/93

06/09/93	BT-01	GCQUE1306091614	ND	0.057	ug/L	1
06/10/93	BT-02	GCQUE1306091614	ND	0.057	ug/L	1
06/14/93	BT-03	GCTEX1306141311	ND	0.072	ug/L	1
06/16/93	BT-04	GCTEX1306152237	ND	0.072	ug/L	1
06/24/93	BT-06	GCQUE1306231533	ND	0.057	ug/L	1
06/25/93	BT-08	GCQUE1306241717	ND	0.057	ug/L	1
06/25/93	BT-09	GCTEX1306250629	ND	0.072	ug/L	1
06/25/93	BT-10	GCQUE1306241717	ND	0.057	ug/L	1
06/28/93	BT-07	GCQUE1306271713	ND	0.057	ug/L	1
08/11/93	BT-11	GCPEA1308101540	ND	0.030	ug/L	1
08/17/93	BT-12	GCPEA1308161047	ND	0.030	ug/L	1
08/25/93	TB-06-02	GCTEX1308242018	ND	0.072	ug/L	1
09/15/93	TB-07-02	GCJAY1309150130	ND	0.12	ug/L	1
09/21/93	TB-08-02	GCJAY1309201444	ND	0.12	ug/L	1
09/23/93	TB-09-02	GCTEX1309221032	ND	0.072	ug/L	1
09/24/93	TB-10-02	GCJAY1309231030	ND	0.12	ug/L	1
09/24/93	TB-11-02	GCTEX1309231506	ND	0.072	ug/L	1
10/05/93	TB-14-02	GCPEA1310041056	ND	0.030	ug/L	1
	•				=	

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.117



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DATE	SAMPLE	BATCH	707	DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Analyte: trans-1,3-Dichloropropene, cont.

Type of Blank: Trip Blank

Method: SW8015 - Nonhalogenated Volatile Organics

Analyte: 2-Butanone(MEK)

Type of Blank: Ambient Blank

06/15/93	BA-01	CHGC3A306140800	ND	2.4	mg/L	1
06/15/93	BA-02	CHGC3A306140800	ND	2.4	mg/L	1
06/18/93	BA-04	CHGC3A306180800	ND	2.4	mg/L	1
06/19/93	BA-06	CHGC3A306180800	ND	2.4	mg/L	1
06/19/93	BA-05	CHGC3A306180800	ND	2.4	mg/L	1
06/23/93	BA-07	CHGC3A306230800	ND	2.4	mg/L	1
06/24/93	BA-08	CHGC3A306230800	ND	2.4	mg/L	1
06/24/93	BA-09	CHGC3A306230800	ND	2.4	mg/L	1
09/24/93	AB-09	CHGC3A309240800	ND	2.4	mg/L	1
09/24/93	AB-08	CHGC3A309240800	ND	2.4	mg/L	1
09/24/93	AB-07	CHGC3A309240800	ND	2.4	mg/L	1
09/25/93	AB-11	CHGC3A309240800	ND	2.4	mg/L	1
09/25/93	AB-10	CHGC3A309240800	ND .	2.4	mg/L	1

Total Number of Blanks = 13

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 2.4

Method : SW8015 - Nonhalogenated Volatile Organics

Analyte: 2-Butanone(MEK)

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	CHGC3A306230800	ND	2.4	mg/L	1
10/07/93	08-GP-01-EB-01	CHGC3A310060800	ND	2.4	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 2.4

Method : SW8015 - Nonhalogenated Volatile Organics

Analyte: 2-Butanone(MEK)

Type of Blank: Method Blank

06/14/93	BLK93590	CHGC3A306140800	ND	2.4	mg/L	1
06/15/93	BLK93591	CHGC3A306140800	ND	2.4	mg/L	1
06/18/93	BLK93681	CHGC3A306180800	ND	2.4	mg/L	1

ND = Not Detected NC = Not Calculable Compiled: 21 April 1994 * - Value considered suspect, refer to QC report

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
NALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	ethod : SW8015 - Nonhal alyte : 2-Butanone(MEK)	ogenated Volatile Organic	cs			
Type of E	Blank : Method Blank					
Type of E	Blank : Method Blank BLK93765	CHGC3A306230800	ND	2.4	mg/L	1
/23/93		CHGC3A306230800 CHGC3A308060800	ND ND	2.4 2.4	mg/L mg/L	1 1
/23/93 /06/93	BLK93765					1 1 1
• •	BLK93765 BLK931815	CHGC3A308060800	ND	2.4	mg/L	1 1 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 2.4

Method : SW8015 - Nonhalogenated Volatile Organics

Analyte : 2-Butanone(MEK)

Type of Blank: Trip Blank

06/14/93	BT-02	CHGC3A306140800	ND		2.4	mg/L	1
06/14/93	BT-01	CHGC3A306140800	ND		2.4	mg/L	1
06/15/93	BT-03	CHGC3A306140800	ND		2.4	mg/L	1
06/15/93	BT-04	CHGC3A306140800	ND		2.4	mg/L	1
06/18/93	BT-07	CHGC3A306180800	ND		2.4	mg/L	1
06/18/93	BT-06	CHGC3A306180800	ND		2.4	mg/L	1
06/19/93	BT-08	CHGC3A306180800	ND		2.4	mg/L	1
06/23/93	BT-09	CHGC3A306230800	ND		2.4	mg/L	1
06/24/93	BT-10	CHGC3A306230800	ND		2.4	mg/L	1
08/06/93	BT-11	CHGC3A308060800	0.82	(J)	2.4	mg/L	1
08/17/93	BT-12	CHGC3A308170800	ND		2.4	mg/L	1
09/24/93	TB-07-02	CHGC3A309240800	ND		2.4	mg/L	1
09/24/93	TB-08-02	CHGC3A309240800	ND		2.4	mg/L	1
09/24/93	TB-09-02	CHGC3A309240800	ND		2.4	mg/L	1
09/24/93	TB-10-02	CHGC3A309240800	ND		2.4	mg/L	1
09/25/93	TB-11-02	CHGC3A309240800	ND		2.4	mg/L	1
10/06/93	TB-14-02	CHGC3A310060800	ND		2.4	mg/L	1
10/07/93	TB-20-01	CHGC3A310060800	ND		2.4	mg/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 2.4

Method: SW8015 - Nonhalogenated Volatile Organics

Analyte : 4-Methyl-2-pentanone(MIBK)

Type of Blank : Ambient Blank

06/15/93	BA-02	CHGC3A306140800	ND	1.5	mg/L	1
06/15/93	BA-01	CHGC3A306140800	ND	1.5	mg/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

* - Value considered suspect, refer to QC report

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	ethod : SW8015 - Nonha alyte : 4-Methyl-2-per	llogenated Volatile Organiontanone(MIBK), cont.	cs			
	Blank : Ambient Blank					
06/18/93	BA-04	CHGC3A306180800	ND	1.5	mg/L	1
6/19/93	BA-06	CHGC3A306180800	ND	1.5	mg/L	1
6/19/93	BA-05	CHGC3A306180800	ND	1.5	mg/L	1
6/23/93	BA-07	CHGC3A306230800	ND	1.5	mg/L	1
6/24/93	BA-09	CHGC3A306230800	ND	1.5	mg/L	1
6/24/93	BA-08	CHGC3A306230800	ND .	1.5	mg/L	1
9/24/93	AB-08	CHGC3A309240800	ND	1.5	mg/L	1
9/24/93	AB-09	CHGC3A309240800	ND	1.5	mg/L	1
9/24/93	AB-07	CHGC3A309240800	ND	1.5	mg/L	1
9/25/93	AB-11	CHGC3A309240800	ND	1.5	mg/L	1
9/25/93	AB-10	CHGC3A309240800	ND	1.5	mg/L	1

Total Number above Detection Limit = 0

Maximum Detection Limit = 1.5

Method : SW8015 - Nonhalogenated Volatile Organics

Analyte : 4-Methyl-2-pentanone(MIBK)

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	CHGC3A306230800	ND	1.5	mg/L	1
10/07/93	08-GP-01-EB-01	CHGC3A310060800	ND	1.5	mg/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1.5

Method: SW8015 - Nonhalogenated Volatile Organics

Analyte : 4-Methyl-2-pentanone(MIBK)

Type of Blank : Method Blank

06/14/93	BLK93590	CHGC3A306140800	ND		1.5	mg/L	1	
06/15/93	BLK93591	CHGC3A306140800	ND		1.5	mg/L	1	
06/18/93	BLK93681	CHGC3A306180800	ND		1.5	mg/L	1	
06/23/93	BLK93765	CHGC3A306230800	ND		1.5	mg/L	1	
08/06/93	BLK931815	CHGC3A308060800	1.7	(K)	1.5	mg/L	1	
08/17/93	BLK932089	CHGC3A308170800	0.75	(K)	1.5	mg/L	1	
09/24/93	BLK932792	CHGC3A309240800	ND		1.5	mg/L	1	
10/06/93	BLK933010	CHGC3A310060800	ND		1.5	mg/L	1	

Total Number of Blanks = 8

Total Number above Detection Limit = 1

Concentration Range 1.7 -

Maximum Detection Limit = 1.5

	В	F	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	SW8015 - Nonhalogena 4-Methyl-2-pentanone	ted Volatile Organics (MIBK)				
-		()				
Type of Blank :	Irip Blank					
06/14/93	BT-02	CHGC3A306140800	ND	1.5	mg/L	1
06/14/93	BT-01	CHGC3A306140800	ND	1.5	mg/L	1
06/15/93	BT-03	CHGC3A306140800	ND	1.5	mg/L	1
06/15/93	BT-04	CHGC3A306140800	ND	1.5	mg/L	1
06/18/93	BT-07	CHGC3A306180800	ND	1.5	mg/L	1
06/18/93	BT-06	CHGC3A306180800	ND	1.5	mg/L	1
06/19/93	BT-08	CHGC3A306180800	ND	1.5	mg/L	1
06/23/93	BT-09	CHGC3A306230800	ND	1.5	mg/L	1
06/24/93	BT-10	CHGC3A306230800	ND	1.5	mg/L	1
08/06/93	BT-11	CHGC3A308060800	1.7	1.5	mg/L	1
08/17/93	BT-12	CHGC3A308170800	ND	1.5	mg/L	1
09/24/93	TB-08-02	CHGC3A309240800	ND	1.5	mg/L	1
09/24/93	TB-09-02	CHGC3A309240800	ND	1.5	mg/L	1
09/24/93	TB-10-02	CHGC3A309240800	ND	1.5	mg/L	1
09/24/93	TB-07-02	CHGC3A309240800	ND	1.5	mg/L	1
09/25/93	TB-11-02	CHGC3A309240800	ND	1.5	mg/L	1
10/06/93	TB-14-02	CHGC3A310060800	ND	1.5	mg/L	1
10/07/93	TB-20-01	CHGC3A310060800	ND	1.5	mg/L	1

Total Number above Detection Limit = 1

Concentration Range 1.7 -

Maximum Detection Limit = 1.5

Method: SW8015 - Nonhalogenated Volatile Organics

Analyte : Ethanol

Type of Blank: Ambient Blank

06/15/93	BA-02	CHGC3A306140800	ND	0.30	mg/L	1
06/15/93	BA-01	CHGC3A306140800	ND	0.30	mg/L	1
06/18/93	BA-04	CHGC3A306180800	ND	0.30	mg/L	1
06/19/93	BA-05	CHGC3A306180800	ND	0.30	mg/L	1
06/19/93	BA-06	CHGC3A306180800	ND	0.30	mg/L	1
06/23/93	BA-07	CHGC3A306230800	ND	0.30	mg/L	1
06/24/93	BA-09	CHGC3A306230800	ND	0.30	mg/L	1
06/24/93	BA-08	CHGC3A306230800	ND	0.30	mg/L	1
09/24/93	AB-09	CHGC3A309240800	ND	0.30	mg/L	1
09/24/93	AB-08	CHGC3A309240800	ND	0.30	mg/L	1
09/24/93	AB-07	CHGC3A309240800	ND	0.30	mg/L	1
09/25/93	AB-11	CHGC3A309240800	ND	0.30	mg/L	1
09/25/93	AB-10	CHGC3A309240800	ND	0.30	mg/L	1

Total Number of Blanks = 13

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.301

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method : Analyte :	SW8015 - Nonhalogenated Ethanol	Volatile Organics				
pe of Blank :	Equipment Blank					
6/23/93	04-MW-01-EB-03	CHGC3A306230800	ND	0.30	mg/L	1
/07/93	08-GP-01-EB-01	CHGC3A310060800	ND	0.30	mg/L 	1
	al Number of Blanks = 2			ration Range N Detection Limit		
Tot	al Number above Detection	on Limit = U	Maximuii	n perection cimit	- 0.301	
Method :	SW8015 - Nonhalogenated	l Volatile Organics				
Analyte :	Ethanol					
pe of Blank :	Method Blank					
6/14/93	BLK93590	CHGC3A306140800	ND	0.30	mg/L	1
/15/93	BLK93591	CHGC3A306140800	ND	0.30	mg/L	1
/18/93	BLK93681	CHGC3A306180800	ND	0.30	mg/L	1
/23/93	BLK93765	CHGC3A306230800	ND	0.30	mg/L	1
3/06/93	BLK931815	CHGC3A308060800	ND	0.30	mg/L	1
/17/93	BLK932089	CHGC3A308170800	ND	0.30	mg/L	1
9/24/93	BLK932792	CHGC3A309240800	ND	0.30	mg/L	1
/06/93	BLK933010	CHGC3A310060800	ND 	0.30 	mg/L 	1
	al Number of Blanks = 8			tration Range N		
Tot	al Number above Detection	on Limit = 0	maximun	n Detection Limit	= 0.301	
Method :	: SW8015 - Nonhalogenated	d Volatile Organics				
Analyte :						
ype of Blank :	Trip Blank				e.	
6/14/93	BT-02	CHGC3A306140800	ND	0.30	mg/L	1
5/14/93	BT-01	CHGC3A306140800	ND	0.30	mg/L	1
6/15/93	BT-03	CHGC3A306140800	ND '	0.30	mg/L	1
6/15/93	BT-04	CHGC3A306140800	ND	0.30	mg/L	1
5/18/93	BT-06	CHGC3A306180800	ND	0.30	mg/L	1
5/18/93	BT-07	CHGC3A306180800	ND	0.30	mg/L	1
5/19/93	BT-08	CHGC3A306180800	ND	0.30	mg/L	1
5/23/93	BT-09	CHGC3A306230800	ND	0.30	mg/L	1
5/24/93	BT-10	CHGC3A306230800	ND	0.30	mg/L	1
3/06/93	BT-11	CHGC3A308060800	ND	0.30	mg/L	1
3/17/93	BT-12	CHGC3A308170800	ND	0.30	mg/L	1
9/24/93	TB-08-02	CHGC3A309240800	ND	0.30	mg/L	1
9/24/93	TB-07-02	CHGC3A309240800	ND	0.30	mg/L	1
9/24/93 9/24/93	TB-10-02 TB-09-02	CHGC3A309240800 CHGC3A309240800	ND ND	0.30 0.30	mg/L mg/L	1 1

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	ethod : SW8015 - Nonhalo	genated Volatile Organio	os o			
Ana	alyte : Ethanol, cont.					
Type of E	Blank : Trip Blank					
9/25/93	TB-11-02	CHGC3A309240800	ND	0.30	mg/L	1
)/06/93	TB-14-02	CHGC3A310060800	ND	0.30	mg/L	1
)/07/93	TB-20-01	CHGC3A310060800	ND	0.30	mg/L	1
Tot	al Number of Blanks = 1	8	Concent	ration Range N	C	
Tot	al Number above Detecti	on Limit = 0	Maximum	Detection Limit	= 0.301	
	Ethyl ether					
ype of Blank :	Ambient Blank					
5/15/93	BA-01	CHGC3A306140800	ND	1.2	mg/L	1
	D4 00	CHGC3A306140800	ND	1.2	mg/L	1
	BA-02					
718/93	BA-04	CHGC3A306180800	ND	1.2	mg/L	1
5/18/93 5/19/93	BA-04 BA-06		ND ND	1.2 1.2	mg/L mg/L	
5/18/93 5/19/93 5/19/93	BA-04	CHGC3A306180800				1
6/18/93 6/19/93 6/19/93 6/23/93	BA-04 BA-06 BA-05 BA-07	CHGC3A306180800 CHGC3A306180800	ND	1.2	mg/L	1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93	BA-04 BA-06 BA-05	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800	ND ND	1.2 1.2	mg/L mg/L	1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A306230800	ND ND ND	1.2 1.2 1.2	mg/L mg/L mg/L	1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800	ND ND ND ND	1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L	1 1 1 1
5/18/93 5/19/93 5/19/93 5/23/93 5/24/93 6/24/93 6/24/93	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800	ND ND ND ND	1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93 6/24/93 6/24/93	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND ND ND ND ND	1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93 6/24/93 6/24/93 6/24/93	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08 AB-09	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND ND ND ND ND ND ND	1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1
5/18/93 5/19/93 5/19/93 5/23/93 5/24/93 6/24/93 6/24/93 6/24/93 6/24/93	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND ND ND ND ND ND ND	1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93 6/24/93 6/24/93 6/25/93 6/25/93	BA-04 BA-05 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08 AB-10 AB-11	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND N	1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1 1 1
	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08 AB-09 AB-10	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND N	1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93 6/24/93 6/24/93 6/25/93 6/25/93	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08 AB-10 AB-11	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND N	1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93 6/24/93 6/24/93 6/25/93 6/25/93 Tot	BA-04 BA-05 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08 AB-10 AB-11	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND N	1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93 6/24/93 6/25/93 6/25/93 70t Method :	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08 AB-10 AB-11	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND N	1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1 1 1
6/18/93 6/19/93 6/19/93 6/23/93 6/24/93 6/24/93 6/24/93 6/25/93 6/25/93 70t Method :	BA-04 BA-06 BA-05 BA-07 BA-09 BA-08 AB-07 AB-08 AB-10 AB-11	CHGC3A306180800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND N	1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 1 1 1 1

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1.2

NC = Not Calculable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method	: SW8015 - Nonhalogenat	ed Volatile Organics				
Analyte	: Ethyl ether					
vne of Rlank	: Method Blank					
Jpe of brank	. Hethod brank					
6/14/93	BLK93590	CHGC3A306140800	ND	1.2	mg/L	1
6/15/93	BLK93591	CHGC3A306140800	ND	1.2	mg/L	1
6/18/93	BLK93681	CHGC3A306180800	ND	1.2	mg/L	1
16/23/93	BLK93765	CHGC3A306230800	ND	1.2	mg/L	1
8/06/93	BLK931815	CHGC3A308060800	ND	1.2	mg/L	1
8/17/93	BLK932089	CHGC3A308170800	ND	1.2	mg/L	1
9/24/93	BLK932792	CHGC3A309240800	ND	1.2	mg/L	1

CHGC3A310060800

Total Number of Blanks = 8
Total Number above Detection Limit = 0

BLK933010

Concentration Range NC

Maximum Detection Limit = 1.2

mg/L

Method: SW8015 - Nonhalogenated Volatile Organics

Analyte : Ethyl ether

Type of Blank : Trip Blank

10/06/93

06/14/93	BT-02	CHGC3A306140800	ND	1.2	mg/L	1
06/14/93	BT-01	CHGC3A306140800	ND	1.2	mg/L	1
06/15/93	BT-03	CHGC3A306140800	ND	1.2	mg/L	1
06/15/93	BT-04	CHGC3A306140800	ND	1.2	mg/L	1
06/18/93	BT-07	CHGC3A306180800	ND	1.2	mg/L	1
06/18/93	BT-06	CHGC3A306180800	ND	1.2	mg/L	1
06/19/93	BT-08	CHGC3A306180800	ND	1.2	mg/L	1
06/23/93	BT-09	CHGC3A306230800	ND	1.2	mg/L	1
08/06/93	BT-11	CHGC3A308060800	ND	1.2	mg/L	1
08/17/93	BT-12	CHGC3A308170800	ND	1.2	mg/L	1
09/24/93	TB-10-02	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	TB-08-02	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	TB-09-02	CHGC3A309240800	ND	1.2	mg/L	1
09/24/93	TB-07-02	CHGC3A309240800	ND	1.2	mg/L	1
09/25/93	TB-11-02	CHGC3A309240800	ND	1.2	mg/L	1
10/06/93	TB-14-02	CHGC3A310060800	ND	1.2	mg/L	1
10/07/93	TB-20-01	CHGC3A310060800	ND	1.2	mg/L	1

Total Number of Blanks = 17

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 1.2

Method: SW8020 - Aromatic Volatile Organics

Analyte : 1,2-Dichlorobenzene

Type of Blank: Ambient Blank

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	ethod : SW8020 - Aroma alyte : 1,2-Dichlorobe	atic Volatile Organics					
Type of	Blank : Ambient Blank						
06/16/93	BA-02	GCTEX2306152237	ND		0.078	ug/L	1
06/19/93	BA-04	GCKAY1306190024	ND		0.071	ug/L	1
6/19/93	BA-05	GCKAY1306190024	ND		0.071	ug/L	1
6/22/93	BA-06	GCKAY1306211455	ND		0.071	ug/L	1
6/22/93	BA-01	GCKAY2306211455	ND		0.12	ug/L	1
6/23/93	BA-09	GCKAY1306221300	ND		0.071	ug/L	1
6/23/93	BA-08	GCKAY1306221300	ND		0.071	ug/L	1
6/23/93	BA-07	GCKAY1306221300	ND		0.071	ug/L	1
8/24/93	AB-06	GCTEX2308231220	0.051	(J)	0.078	ug/L	1
9/23/93	AB-07	GCTEX2309221032	ND		0.078	ug/L	1
9/23/93	AB-08	GCJAY2309231030	ND		0.080	ug/L	1
9/24/93	AB-09	GCJAY2309231030	ND		0.080	ug/L	1
9/24/93	AB-10	GCTEX2309231506	ND		0.078	ug/L	1
9/24/93 	AB-11	GCTEX2309231506	ND		0.078	ug/L	1
Tot	al Number of Blanks =	14	Con	 centrati	on Range N	<del></del> C	**
Tot	al Number above Detec	tion Limit = 0			ection Limit		

Analyte : 1,2-Dichlorobenzene

Type of Blank : Equipment Blank

06/24/93	04-MW-01-EB-03	GCKAY1306240932	ND	0.071	ug/L	1
	Total Number of Blanks = 1 Total Number above Detection	Limit = 0		ration Range NC Detection Limit		

Method : SW8020 - Aromatic Volatile Organics

Analyte : 1,2-Dichlorobenzene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE2306091614	ND	0.14	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND	0.14	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND	0.078	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.25	0.071	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	0.13	0.071	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	0.11	0.071	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	0.14	0.071	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.22	0.071	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND	0.026	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND	0.078	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

TAE	Ш	-	B-	7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	***			And 1600 Albert Albert 1600 Albert 1600 Albert 1600		
M	ethod : SW8020 - Aroma	tic Volatile Organics				
Ana	alyte : 1,2-Dichlorobe	nzene, cont.				
Type of	Blank : Method Blank					
9/15/93	BLK932371	GCJAY2309150130	ND	0.080	ug/L	1
9/20/93	BLK932379	GCJAY2309201444	ND	0.080	ug/L	1
9/22/93	BLK932683	GCTEX2309221032	ND	0.078	ug/L	1
9/22/93	BLK932686	GCQUE2309221453	ND	0.14	ug/L	1
9/23/93	BLK932690	GCTEX2309231506	ND	0.078	ug/L	1
	BLK932895	GCTEX2310061111	ND	0.078	ug/L	1

Total Number above Detection Limit = 5

Maximum Detection Limit = 0.14

Method: SW8020 - Aromatic Volatile Organics

Analyte : 1,2-Dichlorobenzene

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE2306091614	ND		0.14	ug/L	1
06/10/93	BT-02	GCQUE2306091614	ND		0.14	ug/L	1
06/14/93	BT-03	GCTEX2306141311	ND		0.078	ug/L	1
06/16/93	BT-04	GCTEX2306152237	ND		0.078	ug/L	1
06/19/93	BT-06	GCKAY1306190024	ND		0.071	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.071	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.071	ug/L	1
06/23/93	BT-09	GCKAY1306221300	ND		0.071	ug/L	1
06/23/93	BT-10	GCKAY1306221300	ND		0.071	ug/L	1
08/10/93	BT-11	GCKAY1308091931	ND		0.071	ug/L	1
08/17/93	BT-12	GCPEA2308161047	ND		0.026	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	ND		0.078	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.080	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.029	(KJ)	0.080	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	ND		0.078	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	ND		0.080	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.078	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.026	ug/L	1

Total Number of Blanks = 18

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.14

Method: SW8020 - Aromatic Volatile Organics

Analyte: 1,3-Dichlorobenzene

Type of Blank : Ambient Blank

06/15/93 BA-01

GCTEX2306141311

0.018 (P) 0.078

ug/L

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	ethod : SW8020 - Aromatio	· ·					
Type of I	Blank : Ambient Blank						
6/16/93	BA-02	GCTEX2306152237	0.013	(J)	0.078	ug/L	1
6/19/93	BA-04	GCKAY1306190024	ND		0.099	ug/L	1
6/19/93	BA-05	GCKAY1306190024	0.022	(P)	0.099	ug/L	1
6/22/93	BA-06	GCKAY1306211455	ND		0.099	ug/L	1
5/23/93	BA-09	GCKAY1306221300	ND		0.099	ug/L	1
6/23/93	BA-07	GCKAY1306221300	ND		0.099	ug/L	1
5/23/93	BA-08	GCKAY1306221300	ND		0.099	ug/L	1
3/24/93	AB-06	GCTEX2308231220	0.039	(J)	0.078	ug/L	1
9/23/93	AB-07	GCTEX2309221032	ND		0.078	ug/L	1
9/23/93	AB-08	GCJAY2309231030	ND		0.076	ug/L	1
/24/93	AB-11	GCTEX2309231506	ND		0.078	ug/L	1
9/24/93	AB-10	GCTEX2309231506	ND		0.078	ug/L	1
/24/93	AB-09	GCJAY2309231030	ND		0.076	ug/L	1
Tot Method :	tal Number of Blanks = 14 tal Number above Detection : SW8020 - Aromatic Volat : 1,3-Dichlorobenzene	on Limit = O			tion Range No		
Tot Method : Analyte :	tal Number above Detection: : SW8020 - Aromatic Volat	on Limit = O			_		
Tot Method : Analyte : /pe of Blank :	tal Number above Detection: : SW8020 - Aromatic Volat : 1,3-Dichlorobenzene	on Limit = O			_		1
Method : Analyte : //pe of Blank : 6/24/93	tal Number above Detection  : SW8020 - Aromatic Volat  : 1,3-Dichlorobenzene  : Equipment Blank	on Limit = 0 cile Organics	Max		etection Limit	= 0.099	1 1
Method :	tal Number above Detection  : SW8020 - Aromatic Volat  : 1,3-Dichlorobenzene  : Equipment Blank  04-MW-01-EB-03	on Limit = 0  cile Organics  GCKAY1306240932	Max ND ND	imum De	etection Limit	= 0.099 ug/L ug/L	
Tot Method : Analyte : ype of Blank : 6/24/93 0/07/93 	tal Number above Detection  SW8020 - Aromatic Volate  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01	GCKAY1306240932 GCTEX2310061111	ND ND ND Con	imum De	0.099 0.078	= 0.099 ug/L ug/L	
Method: Analyte:  ype of Blank: 6/24/93 0/07/93 Tot  Method: Analyte:	tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01	GCKAY1306240932 GCTEX2310061111	ND ND ND Con	imum De	0.099 0.078	= 0.099 ug/L ug/L	
Method: Analyte:  ype of Blank: 6/24/93 0/07/93 Tot Tot  Method: Analyte:	: SW8020 - Aromatic Volat : 1,3-Dichlorobenzene : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection : SW8020 - Aromatic Volat : 1,3-Dichlorobenzene	GCKAY1306240932 GCTEX2310061111  on Limit = 0  cile Organics	ND ND Con Max	imum De	0.099 0.078 cion Range No	ug/L ug/L = 0.099	1
Method: Analyte:  ype of Blank: 6/24/93 0/07/93 Tot Tot  Method: Analyte:  ype of Blank:	tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2  tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Method Blank  BLK93460	GCQUE2306091614	ND ND Con Max	imum De	0.099 0.078 cion Range NO etection Limit	ug/L ug/L = 0.099	1
Method : Analyte : Ape of Blank : Analyte : Ape of Blank : Analyte : Analyte : Ape of Blank : Ape of Blank : Ape of Blank :	tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2  tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Method Blank  BLK93460  BLK93460  BLK93545	GCQUE2306091614 GCQUE2306141634	ND ND Con Max ND ND	imum De	0.099 0.078 cion Range No etection Limit	ug/L ug/L = 0.099	1 1 1
Method: Analyte:  pe of Blank: 6/24/93 0/07/93 Tot Tot  Method: Analyte: pe of Blank: 6/09/93 6/14/93 6/16/93	Esw8020 - Aromatic Volate: 1,3-Dichlorobenzene Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Call Number of Blanks = 2  tal Number above Detection  SW8020 - Aromatic Volate: 1,3-Dichlorobenzene  Method Blank  BLK93460  BLK93545  BLK93548	GCKAY1306240932 GCTEX2310061111  on Limit = 0  cile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237	ND ND Con Max ND ND ND	imum De	0.099 0.078 cion Range Notetection Limit  0.13 0.13 0.078	ug/L ug/L = 0.099	1 1 1
Method : Analyte : Ape of Blank : Analyte : Ape of Blank : Analyte : Analyte : Ape of Blank : App of Blank : Ap	Esw8020 - Aromatic Volate: 1,3-Dichlorobenzene Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8020 - Aromatic Volate: 1,3-Dichlorobenzene Method Blank  BLK93545 BLK93545 BLK93548 BLK93552	GCKAY1306240932 GCTEX2310061111  on Limit = 0  cile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024	ND ND Con Max ND ND ND O.035	imum De	0.099 0.078 2:ion Range Note tection Limit 0.13 0.13 0.078 0.099	ug/L ug/L = 0.099	1 1 1 1
Method: Analyte:  /pe of Blank: 6/24/93 0/07/93  Tot Tot  Method: Analyte: /pe of Blank: 6/09/93 6/14/93 6/16/93 6/19/93 6/21/93	ESW8020 - Aromatic Volate: 1,3-Dichlorobenzene Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8020 - Aromatic Volate: 1,3-Dichlorobenzene  Method Blank  BLK93545 BLK93545 BLK93548 BLK93552 BLK93695	GCQUE2306091614 GCQUE2306152237 GCKAY1306211455	ND ND Con Max ND ND ND ND ND ND ND 0.035 ND	imum De	0.099 0.078 cion Range No etection Limit	ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1
Method: Analyte:  /pe of Blank:  6/24/93 0/07/93  Tot  Tot  Method: Analyte:  /pe of Blank:  6/09/93 6/14/93 6/16/93 6/19/93 6/21/93 6/22/93	tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2  tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Method Blank  BLK93545  BLK93545  BLK93548  BLK93552  BLK93695  BLK93695  BLK93698	GCKAY1306240932 GCTEX2310061111  On Limit = 0  Cile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300	ND ND Con Max ND	imum De	0.099 0.078 2ion Range NO etection Limit 0.13 0.13 0.078 0.099 0.099 0.099	ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1
Method : Analyte : Ape of Blank : Analyte : An	tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2  tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Method Blank  BLK93460  BLK93545  BLK93548  BLK93552  BLK93695  BLK93698  BLK93704	GCKAY1306240932 GCTEX2310061111  On Limit = 0  Cile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932	ND ND Con Max ND	imum De	0.099 0.078 0.078 cion Range NO etection Limit 0.13 0.13 0.078 0.099 0.099 0.099	ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1
Method: Analyte:  ype of Blank: 6/24/93 0/07/93 Tot  Method: Analyte: ype of Blank: 6/09/93 6/14/93 6/16/93 6/19/93 6/22/93 6/22/93 6/24/93 8/09/93	tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2  tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Method Blank  BLK93460  BLK93545  BLK93545  BLK93548  BLK93552  BLK93695  BLK93695  BLK93698  BLK93704  BLK931827	GCKAY1306240932 GCTEX2310061111  On Limit = 0  Cile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932 GCKAY1308091931	ND ND Con Max  ND ND ND ND ND ND O.035 ND ND ND ND	imum De	0.099 0.078 0.078 cion Range No etection Limit 0.13 0.13 0.078 0.099 0.099 0.099 0.099	ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1 1
Method: Analyte:  ype of Blank: 6/24/93 0/07/93 Tot  Method: Analyte: ype of Blank: 6/09/93 6/14/93 6/16/93 6/19/93 6/21/93 6/22/93 6/24/93	tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2  tal Number above Detection  SW8020 - Aromatic Volat  1,3-Dichlorobenzene  Method Blank  BLK93460  BLK93545  BLK93548  BLK93552  BLK93695  BLK93698  BLK93704	GCKAY1306240932 GCTEX2310061111  On Limit = 0  Cile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932	ND ND Con Max ND	imum De	0.099 0.078 0.078 cion Range NO etection Limit 0.13 0.13 0.078 0.099 0.099 0.099	ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

B7-102

NA = Not Applicable

DATE	SAMPLE	BATCH		D	ETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
				-			
Me	thod : SW8020 - Aroma	tic Volatile Organics					
Ana	lyte : 1,3-Dichlorobe	nzene, cont.					
Type of B	lank : Method Blank	• 					
9/15/93	BLK932371	GCJAY2309150130	ND		0.076	ug/L	1
9/20/93	BLK932379	GCJAY2309201444	ND		0.076	ug/L	1
9/22/93	BLK932683	GCTEX2309221032	ND		0.078	ug/L	1
9/22/93	BLK932686	GCQUE2309221453	ND		0.13	ug/L	1
9/23/93	BLK932690	GCTEX2309231506	ND		0.078	ug/L	1
0/06/93	BLK932895	GCTEX2310061111	0.016	(J)	0.078	ug/L	1
Tot	al Number of Blanks =	16	Cond	 centratio	n Range N	IC	
	al Number above Detec		Max	imum Dete	ction Limit	: = 0.134	

Type	of	Blank	:	Trip	Blank
------	----	-------	---	------	-------

06/09/93	BT-01	GC0UE2306091614	ND		0.13	ug/L	1
06/10/93	BT-02	GCQUE2306091614	0.048	(J)	0.13	ug/L	1
06/14/93	BT-03	GCTEX2306141311	0.038	(J)	0.078	ug/L	1
06/16/93	BT-04	GCTEX2306152237	0.047	(J)	0.078	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.099	ug/L	1
06/19/93	BT-06	GCKAY1306190024	ND		0.099	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.099	ug/L	1
06/23/93	BT-09	GCKAY1306221300	0.090	(P)	0.099	ug/L	1
06/23/93	BT-10	GCKAY1306221300	0.044	(P)	0.099	ug/L	1
08/10/93	BT-11	GCKAY1308091931	0.095	(J)	0.100	ug/L	1
08/17/93	BT-12	GCPEA2308161047	0.041		0.022	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	0.020	(J)	0.078	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.076	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.024	(KJ)	0.076	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	0.023	(KJ)	0.078	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	ND		0.076	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.078	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.022	ug/L	. 1

Total Number above Detection Limit = 1

Concentration Range 0.041 -0.041

Maximum Detection Limit = 0.13

Method : SW8020 - Aromatic Volatile Organics

Analyte : 1,4-Dichlorobenzene

Type of Blank : Ambient Blank

0.071 ug/L GCTEX2306152237 0.021 (J) 06/16/93 BA-02

	×			

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
. Me	thod : SW8020 - Aroma	tic Volatile Organics				
Ana	lyte : 1,4-Dichlorobe	nzene, cont.				
Type of B	lank : Ambient Blank					
6/19/93	BA-04	GCKAY1306190024	ND	0.095	ug/L	1
6/19/93	BA-05	GCKAY1306190024	ND	0.095	ug/L	1
6/22/93	BA-06	GCKAY1306211455	ND	0.095	ug/L	1
6/22/93	BA-01	GCKAY2306211455	ND	0.16	ug/L	1
6/23/93	BA-07	GCKAY1306221300	ND	0.095	ug/L	1
6/23/93	BA-08	GCKAY1306221300	ND	0.095	ug/L	1
6/23/93	BA-09	GCKAY1306221300	ND	0.095	ug/L	1
8/24/93	AB-06	GCTEX2308231220	ND	0.071	ug/L	1
9/23/93	AB-07	GCTEX2309221032	ND	0.071	ug/L	1
9/23/93	AB-08	GCJAY2309231030	ND	0.081	ug/L	1
9/24/93	AB-10	GCTEX2309231506	ND	0.071	ug/L	1
9/24/93	AB-11	GCTEX2309231506	ND	0.071	ug/L	1
9/24/93	AB-09	GCJAY2309231030	ND	0.081	ug/L	1

Method: SW8020 - Aromatic Volatile Organics

Analyte : 1,4-Dichlorobenzene

Type of Blank : Equipment Blank

06/24/93	04-MW-01-EB-03	GCKAY1306240932	ND	0.095	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	ND	0.071	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.095

Method: SW8020 - Aromatic Volatile Organics

Analyte : 1,4-Dichlorobenzene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE2306091614	ND		0.13	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.13	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND		0.071	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.067	(J)	0.095	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.095	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.095	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	ND		0.095	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.11		0.096	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.013	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND		0.071	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

		 _	

DATE	SAMPLE	BATCH		DETECT	ION	DILUTION
ANALYZED	ID	ID	RESULT	LIMI	T UNITS	FACTOR
	ethod : SW8020 - Aromat alyte : 1,4-Dichloroben	<del>-</del>				
	•	izene, cont.				
Type of E	Blank : Method Blank					
	BLK932371	GCJAY2309150130	ND	0.08	s1 ug/L	1
9/15/93		GCJAY2309150130 GCJAY2309201444	ND 0.015	0.08 (J) 0.08	<del>-</del> .	1 1
Type of E 9/15/93 9/20/93 9/22/93	BLK932371				s1 ug/L	1 1 1
3/15/93 3/20/93 3/22/93	BLK932371 BLK932379	GCJAY2309201444	0.015	(J) 0.08	3 ug/L 3 ug/L	1 1 1
9/15/93 9/20/93	BLK932371 BLK932379 BLK932686	GCJAY2309201444 GCQUE2309221453	0.015 ND	(J) 0.08 0.1	11 ug/L 3 ug/L 11 ug/L	1 1 1 1

Total Number above Detection Limit = 1

Concentration Range 0.11 -

Maximum Detection Limit = 0.131

Method : SW8020 - Aromatic Volatile Organics

Analyte : 1,4-Dichlorobenzene

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE2306091614	ND		0.13	ug/L	1
06/10/93	BT-02	GCQUE2306091614	ND		0.13	ug/L	1
06/14/93	BT-03	GCTEX2306141311	ND		0.071	ug/L	1
06/16/93	BT-04	GCTEX2306152237	ND		0.071	ug/L	1
06/19/93	BT-06	GCKAY1306190024	ND		0.095	ug/L	1
06/19/93	BT-07	GCKAY1306190024	ND		0.095	ug/L	1
06/22/93	BT-08	GCKAY1306211455	ND		0.095	ug/L	1
06/23/93	BT-10	GCKAY1306221300	ND		0.095	ug/L	1
06/23/93	BT-09	GCKAY1306221300	ND		0.095	ug/L	1
08/10/93	BT-11	GCKAY1308091931	ND		0.096	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	ND		0.071	ug/L	1
09/15/93	TB-07-02	GCJAY2309150130	ND		0.081	ug/L	1
09/21/93	TB-08-02	GCJAY2309201444	0.020	(KJ)	0.081	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	ND		0.071	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	ND		0.071	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	ND		0.081	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	ND		0.013	ug/L	1

Total Number of Blanks = 17

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit -Maximum Detection Limit = 0.13

Method: SW8020 - Aromatic Volatile Organics

Analyte : Benzene

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX2306141311	0.19		0.083	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.053	(J)	0.083	ug/L	1

ND = Not Detected NC = Not Calculable Compiled: 21 April 1994

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	Method : SW8020 - Aromati Analyte : Benzene, cont.	c Volatile Organics					
Туре	of Blank : Ambient Blank						
6/19/93	BA-05	GCKAY1306190024	0.065	(J)	0.070	ug/L	1
6/19/93	BA-04	GCKAY1306190024	0.49		0.070	ug/L	1
/22/93	BA-06	GCKAY1306211455	ND		0.070	ug/L	1
/23/93	BA-09	GCKAY1306221300	ND		0.070	ug/L	1
/23/93	BA-08	GCKAY1306221300	ND		0.070	ug/L	1
/23/93	BA-07	GCKAY1306221300	ND		0.070	ug/L	1
/24/93	AB-06	GCTEX2308231220	0.047	(J)	0.083	ug/L	1
/23/93	AB-08	GCJAY2309231030	0.036	(J)	0.052	ug/L	1
/23/93	AB-07	GCTEX2309221032	0.16	(B)	0.083	ug/L	1
/24/93	AB-09	GCJAY2309231030	ND		0.052	ug/L	1
/24/93	AB-11	GCTEX2309231506	0.068	(J)	0.083	ug/L	1
/24/93	AB-10	GCTEX2309231506	0.044	(J)	0.083	ug/L	1
			Mav	imum De	tection Limit	= 0.0832	
	Total Number above Detecti	on Limit = 3	Hax				
Meti			Hux				
	notal Number above Detecti hod : SW8020 - Aromatic Vola yte : Benzene		PidA				
Analy	hod : SW8020 - Aromatic Vola		Hax				
Analy pe of Bla /24/93	hod : SW8020 - Aromatic Vola yte : Benzene		1.7		0.070	ug/L	1
Analy pe of Bla /24/93	hod : SW8020 - Aromatic Vola yte : Benzene ank : Equipment Blank	tile Organics		(B)	0.070 0.083	ug/L ug/L	1 1
Analy	hod : SW8020 - Aromatic Vola yte : Benzene ank : Equipment Blank 04-MW-01-EB-03	tile Organics  GCKAY1306240932 GCTEX2310061111	1.7 0.83 Con	(B) centrat		ug/L 	1
Analy pe of Bla /24/93 /07/93	hod : SW8020 - Aromatic Vola yte : Benzene ank : Equipment Blank 04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks = 2 Total Number above Detecti	dile Organics  GCKAY1306240932 GCTEX2310061111  on Limit = 2	1.7 0.83 Con	(B) centrat	0.083 ion Range 0.	ug/L 	1
Analy pe of Bla /24/93 /07/93 	hod : SW8020 - Aromatic Vola yte : Benzene ank : Equipment Blank 04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks = 2	dile Organics  GCKAY1306240932 GCTEX2310061111  on Limit = 2	1.7 0.83 Con	(B) centrat	0.083 ion Range 0.	ug/L 	1
Analy pe of Bla /24/93 /07/93 Meth Analy	hod : SW8020 - Aromatic Vola yte : Benzene ank : Equipment Blank 04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks = 2 Total Number above Detecti	dile Organics  GCKAY1306240932 GCTEX2310061111  on Limit = 2	1.7 0.83 Con	(B) centrat	0.083 ion Range 0.	ug/L 	1
Analy pe of Bla /24/93 /07/93 Meth Analy	hod : SW8020 - Aromatic Vola yte : Benzene ank : Equipment Blank 04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks = 2 Total Number above Detecti	dile Organics  GCKAY1306240932 GCTEX2310061111  on Limit = 2	1.7 0.83 Con	(B) centrat	0.083 ion Range 0.	ug/L 	1
Analy pe of Bla /24/93 /07/93 Meth Analy pe of Bla /09/93	hod : SW8020 - Aromatic Vola yte : Benzene  ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detecti  nod : SW8020 - Aromatic Vola yte : Benzene  ank : Method Blank	tile Organics  GCKAY1306240932 GCTEX2310061111  on Limit = 2  tile Organics	1.7 0.83  Con Max	(B) centrat	0.083  ion Range 0. tection Limit	ug/L 	1
Analy pe of Bla /24/93 /07/93 Meth Analy pe of Bla /09/93 /14/93	hod : SW8020 - Aromatic Vola yte : Benzene  ank : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2  Total Number above Detecti  nod : SW8020 - Aromatic Vola yte : Benzene  ank : Method Blank  BLK93460	GCKAY1306240932 GCTEX2310061111 on Limit = 2 tile Organics	1.7 0.83 Con Max	(B) centrat	0.083 ion Range 0.tection Limit	ug/L 	1
Analy pe of Bla /24/93 /07/93 Meth Analy pe of Bla /09/93 /14/93 /16/93	hod : SW8020 - Aromatic Vola yte : Benzene  ank : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2  Total Number above Detecti  nod : SW8020 - Aromatic Vola yte : Benzene  ank : Method Blank  BLK93460  BLK93545	GCKAY1306240932 GCTEX2310061111  on Limit = 2  tile Organics  GCQUE2306091614 GCQUE2306141634	1.7 0.83  Con Max ND ND	(B)  centrat imum De	0.083 ion Range 0.tection Limit  0.079 0.079	ug/L 83 - 1.7 = 0.0832 ug/L ug/L	1  1 1
Analy pe of Bla /24/93 /07/93  Meth Analy pe of Bla /09/93 /14/93 /16/93 /19/93	hod : SW8020 - Aromatic Vola yte : Benzene  ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detecti  nod : SW8020 - Aromatic Vola yte : Benzene  ank : Method Blank  BLK93460 BLK93545 BLK93548	GCKAY1306240932 GCTEX2310061111  on Limit = 2  tile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237	1.7 0.83  Con Max ND ND 0.018	(B) centrat imum De	0.083 	ug/L 83 - 1.7 = 0.0832 ug/L ug/L ug/L ug/L	1 1 1 1
Analy  pe of Bla  /24/93  /07/93  Meth Analy  pe of Bla  /09/93  /14/93  /16/93  /19/93  /21/93	hod : SW8020 - Aromatic Vola yte : Benzene  ank : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2  Total Number above Detecti  nod : SW8020 - Aromatic Vola yte : Benzene  ank : Method Blank  BLK93545  BLK93548  BLK93552	GCKAY1306240932 GCTEX2310061111	1.7 0.83  Con Max ND ND 0.018 0.020	(B) centrat imum De	0.083 	ug/L 83 - 1.7 = 0.0832  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Analy pe of Bla /24/93 /07/93 Meth Analy pe of Bla /09/93 /14/93 /16/93 /19/93 /21/93 /22/93	hod : SW8020 - Aromatic Vola yte : Benzene  ank : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2  Total Number above Detecti  nod : SW8020 - Aromatic Vola yte : Benzene  ank : Method Blank  BLK93460  BLK93545  BLK93548  BLK93552  BLK93695	GCKAY1306240932 GCTEX2310061111	1.7 0.83  Con Max ND ND 0.018 0.020 ND	(B) centrat imum De	0.083 ion Range 0.tection Limit  0.079 0.079 0.079 0.083 0.070 0.070	ug/L 83 - 1.7 = 0.0832  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1
Analy pe of Bla /24/93 /07/93 Meth Analy pe of Bla /09/93 /14/93 /16/93 /19/93 /21/93 /22/93	hod: SW8020 - Aromatic Vola yte: Benzene  ank: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detecti  nod: SW8020 - Aromatic Vola yte: Benzene  ank: Method Blank  BLK93460 BLK93545 BLK93548 BLK93552 BLK93695 BLK93698	GCKAY1306240932 GCTEX2310061111 on Limit = 2 tile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300	1.7 0.83 	(B) centrat imum De	0.083 dion Range 0.0tection Limit  0.079 0.079 0.083 0.070 0.070 0.070	ug/L 83 - 1.7 = 0.0832  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1
Analy pe of Bla /24/93 /07/93 Meth Analy pe of Bla /09/93 /14/93 /16/93 /19/93 /22/93 /22/93 /09/93	hod : SW8020 - Aromatic Vola yte : Benzene  ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detecti  nod : SW8020 - Aromatic Vola yte : Benzene  ank : Method Blank  BLK93460 BLK93545 BLK93545 BLK93548 BLK93552 BLK93695 BLK93698 BLK93704	GCKAY1306240932 GCTEX2310061111  on Limit = 2  tile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024 GCKAY1306211455 GCKAY1306211300 GCKAY1306240932	1.7 0.83 	(B) centrat imum De	0.083 ion Range 0. tection Limit  0.079 0.079 0.083 0.070 0.070 0.070 0.070	ug/L 83 - 1.7 = 0.0832  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1
Analy pe of Bla /24/93 /07/93  Meth Analy	hod: SW8020 - Aromatic Vola yte: Benzene  ank: Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detecti  nod: SW8020 - Aromatic Vola yte: Benzene  ank: Method Blank  BLK93460  BLK93545  BLK93548  BLK93552  BLK93695  BLK93695  BLK93698  BLK93704  BLK931827	GCKAY1306240932 GCTEX2310061111  on Limit = 2  tile Organics  GCQUE2306091614 GCQUE2306141634 GCTEX2306152237 GCKAY1306190024 GCKAY1306211455 GCKAY130621300 GCKAY1306240932 GCKAY1308091931	1.7 0.83 	(B) centrat imum De	0.083 dion Range 0.0tection Limit  0.079 0.079 0.083 0.070 0.070 0.070	ug/L 83 - 1.7 = 0.0832  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

* - Value considered suspect, refer to QC report

NA = Not Applicable

DATE	SAMPLE	BATCH			DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
	thod : SW8020 - Aroma lyte : Benzene, cont.	tic Volatile Organics					
Type of B	lank : Method Blank						
9/15/93	BLK932371	GCJAY2309150130	ND		0.052	ug/L	1
9/20/93	BLK932379	GCJAY2309201444	ND		0.052	ug/L	1
9/22/93	BLK932683	GCTEX2309221032	0.019	(J)	0.083	ug/L	1
9/22/93	BLK932686	GCQUE2309221453	ND		0.079	ug/L	1
9/23/93	BLK932690	GCTEX2309231506	0.019	(J)	0.083	ug/L	. 1
0/04/93	BLK932891	GCPEA2310041056	ND		0.0098	ug/L	1
	BLK932895	GCTEX2310061111	0.018	(J)	0.083	ug/L	1

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.0832

Method : SW8020 - Aromatic Volatile Organics

Analyte : Benzene

Type of Blank: Trip Blank

06/09/93	BT-01	GCQUE2306091614	0.031	(J)	0.079	ug/L	1	
06/10/93	BT-02	GCQUE2306091614	ND		0.079	ug/L	1	
06/14/93	BT-03	GCTEX2306141311	0.029	(J)	0.083	ug/L	1	
06/16/93	BT-04	GCTEX2306152237	0.047	(J)	0.083	ug/L	1	
06/19/93	BT-06	GCKAY1306190024	0.044	(J)	0.070	ug/L	1	
06/19/93	BT-07	GCKAY1306190024	ND		0.070	ug/L	1	
06/23/93	BT-09	GCKAY1306221300	0.060	(J)	0.070	ug/L	1	
08/10/93	BT-11	GCKAY1308091931	ND		0.070	ug/L	1	
08/17/93	BT-12	GCPEA2308161047	ND		0.0098	ug/L	1	
08/25/93	TB-06-02	GCTEX2308242018	0.022	(J)	0.083	ug/L	1	
09/15/93	TB-07-02	GCJAY2309150130	0.021	(J)	0.052	ug/L	1	
09/21/93	TB-08-02	GCJAY2309201444	0.025	(KJ)	0.052	ug/L	1	
09/23/93	TB-09-02	GCTEX2309221032	0.065	(KJ)	0.083	ug/L	1	
09/24/93	TB-11-02	GCTEX2309231506	0.027	(J)	0.083	ug/L	1	
09/24/93	TB-10-02	GCJAY2309231030	0.051	(J)	0.052	ug/L	1	
10/05/93	TB-13-02	GCPEA2310041056	ND		0.0098	ug/L	1	

Total Number of Blanks = 16

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0832

B7-107

Method : SW8020 - Aromatic Volatile Organics

Analyte : Chlorobenzene

Type of Blank: Ambient Blank

06/16/93	BA-02	GCTEX2306152237	ND	0.080	ug/L	1
06/19/93	BA-05	GCKAY1306190024	ND	0.045	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH	DE0.11 T	DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
м	ethod : SW8020 - Aromat	ic Volatile Organics				
	alyte : Chlorobenzene,					
Type of	Blank : Ambient Blank					
06/19/93	BA-04	GCKAY1306190024	ND	0.045	ug/L	1
6/22/93	BA-06	GCKAY1306211455	ND	0.045	ug/L	1
6/22/93	BA-01	GCKAY2306211455	ND	0.13	ug/L	1
6/23/93	BA-09	GCKAY1306221300	ND	0.045	ug/L	1
6/23/93	BA-07	GCKAY1306221300	ND	0.045	ug/L	1
6/23/93	BA-08	GCKAY1306221300	ND	0.045	ug/L	1
8/24/93	AB-06	GCTEX2308231220	ND	0.080	ug/L	1
9/23/93	AB-07	GCTEX2309221032	ND	0.080	ug/L	1
9/23/93	AB-08	GCJAY2309231030	ND	0.045	ug/L	1
9/24/93	AB-10	GCTEX2309231506	ND	0.080	ug/L	1
9/24/93	AB-09	GCJAY2309231030	ND	0.045	ug/L	1
9/24/93 	AB-11	GCTEX2309231506	ND	0.080	ug/L	1
	tal Number of Blanks = 1	• •	Concent	ration Range NO	2	
Tot	tal Number above Detecti	on Limit = 0	Maximum	Detection Limit	= 0.13	
	: SW8020 - Aromatic Vola : Chlorobenzene	atile Organics				
ype of Blank :	: Equipment Blank					
6/24/93	04-MW-01-EB-03	GCKAY1306240932	ND	0.045	ua/l	1

06/24/93	04-MW-01-EB-03	GCKAY1306240932	ND	0.045	ug/L	1
Tor	tal Number of Blanks = 1		Concentratio	n Range NC		
Tot	tal Number above Detection	Limit = 0	Maximum Dete	ction Limit = 0	0.045	

Method : SW8020 - Aromatic Volatile Organics

Analyte : Chlorobenzene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE2306091614	ND	0.12	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND	0.12	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	ND	0.080	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	ND	0.045	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND	0.045	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND	0.045	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	ND	0.045	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	ND	0.045	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND	0.014	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	ND	0.080	ug/L	1
09/15/93	BLK932371	GCJAY2309150130	ND	0.045	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	ND	0.045	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH	,	DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8020 - Aroma	_				
	Analyte : Chlorobenzene,	cont.				
Type o	f Blank : Method Blank					
9/22/93	BLK932686	GCQUE2309221453	ND	0.12	ug/L	1
9/22/93	BLK932683	GCTEX2309221032	ND	0.080	ug/L	1
9/23/93	BLK932690	GCTEX2309231506	ND	0.080	ug/L	1
0/06/93	BLK932895	GCTEX2310061111	ND	0.080	ug/L	1
	Total Number of Blanks =	16	Concent	ration Range N	iC	
	Total Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 0.12	
Method	d : SW8020 - Aromatic Vo	latile Organics				
Analyte	e : Chlorobenzene					
ype of Blank	k : Trip Blank					
6/09/93	BT-01	GCQUE2306091614	ND	0.12	ug/L	1
6/10/93	BT-02	GC0UE2306091614	ND	0.12	ug/L	1

06/09/93	BT-01	GCQUE2306091614	ND		0.12	ug/L	1	
06/10/93	BT-02	GCQUE2306091614	ND		0.12	ug/L	1	
06/14/93	BT-03	GCTEX2306141311	ND		0.080	ug/L	1	
06/16/93	BT-04	GCTEX2306152237	ND		0.080	ug/L	1	
06/19/93	BT-06	GCKAY1306190024	ND		0.045	ug/L	1	
06/19/93	BT-07	GCKAY1306190024	ND		0.045	ug/L	1	
06/22/93	BT-08	GCKAY1306211455	ND		0.045	ug/L	1	
06/23/93	BT-10	GCKAY1306221300	ND		0.045	ug/L	1	
06/23/93	BT-09	GCKAY1306221300	ND		0.045	ug/L	1	
08/10/93	BT-11	GCKAY1308091931	ND		0.045	ug/L	1	
08/17/93	BT-12	GCPEA2308161047	ND		0.014	ug/L	1	
08/25/93	TB-06-02	GCTEX2308242018	ND		0.080	ug/L	1	
09/15/93	TB-07-02	GCJAY2309150130	ND		0.045	ug/L	1	
09/21/93	TB-08-02	GCJAY2309201444	0.030	(KJ)	0.045	ug/L	1	
09/23/93	TB-09-02	GCTEX2309221032	ND		0.080	ug/L	1	
09/24/93	TB-11-02	GCTEX2309231506	ND		0.080	ug/L	1	
09/24/93	TB-10-02	GCJAY2309231030	ND		0.045	ug/L	1	
10/05/93	TB-13-02	GCPEA2310041056	ND		0.014	ug/L	1	

Total Number of Blanks = 18
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.12

Method: SW8020 - Aromatic Volatile Organics

Analyte : Ethylbenzene

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX2306141311	0.071	(J)	0.081	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.025	(J)	0.081	ug/L	1
06/19/93	BA-04	GCKAY1306190024	0.049	(J)	0.068	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

DATE SAMPLE BATCH DETECTION DILU ANALYZED ID 1D 1D RESULT LIMIT UNITS FACTOR STATES FA
Method : SW8020 - Aromatic Volatile Organics Analyte : Ethylbenzene, cont.  Type of Blank : Ambient Blank  6/19/93
Analyte: Ethylbenzene, cont.  Type of Blank: Ambient Blank  6/19/93
Type of Blank : Ambient Blank  6/19/93
BA-06   GCKAY1306211455   ND   0.068   ug/L   1
D6/22/93   BA-06   GCKAY1306211455   ND   0.068   ug/L   1
D6/23/93   BA-08   GCKAY1306221300   ND   0.068   ug/L   1
BA-07   GCKAY1306221300   ND   0.068   ug/L   1
18/23/93   BA-09   GCKAY1306221300   ND   0.068   ug/L   1
18/24/93   AB-06   GCTEX2308231220   0.074   (J)   0.081   ug/L   1     19/23/93   AB-07   GCTEX2309221032   0.075   (J)   0.081   ug/L   1     19/23/93   AB-08   GCJAY2309231030   ND   0.044   ug/L   1     19/23/93   AB-11   GCTEX2309231506   0.046   (J)   0.081   ug/L   1     19/24/93   AB-10   GCTEX2309231506   0.023   (J)   0.081   ug/L   1     19/24/93   AB-09   GCJAY2309231030   ND   0.044   ug/L   1     19/24/93   AB-09   GCJAY2309231030   ND   0.044   ug/L   1     Total Number of Blanks = 14   Concentration Range   NC     Total Number above Detection Limit = 0   Maximum Detection Limit = 0.0813      Method : SW8020 - Aromatic Volatile Organics   Analyte : Ethylbenzene     Total Number of Blanks = 2   Concentration Range   0.079   0.28     Total Number of Blanks = 2   Concentration Range   0.079   0.28     Total Number of Blanks = 2   Concentration Range   0.079   0.28     Total Number above Detection Limit = 2   Maximum Detection Limit = 0.0813
19/23/93   AB-07   GCTEX2309221032   0.075   (J)   0.081   ug/L   1   19/23/93   AB-08   GCJAY2309231030   ND   0.044   ug/L   1   19/24/93   AB-11   GCTEX2309231506   0.046   (J)   0.081   ug/L   1   19/24/93   AB-10   GCTEX2309231506   0.023   (J)   0.081   ug/L   1   19/24/93   AB-09   GCJAY2309231030   ND   0.044   ug/L   1   1   1   1   1   1   1   1   1
19/23/93   AB-08   GCJAY2309231030   ND   0.044   ug/L   1
109/24/93
Name
Total Number of Blanks = 14
Total Number of Blanks = 14 Concentration Range NC Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0813  Method: SW8020 - Aromatic Volatile Organics Analyte: Ethylbenzene  Type of Blank: Equipment Blank  106/24/93 04-MW-01-EB-03 GCKAY1306240932 0.079 0.068 ug/L 1 10/07/93 08-GP-01-EB-01 GCTEX2310061111 0.28 (B) 0.081 ug/L 1  Total Number of Blanks = 2 Concentration Range 0.079 - 0.28 Total Number above Detection Limit = 2 Maximum Detection Limit = 0.0813  Method: SW8020 - Aromatic Volatile Organics
Method : SW8020 - Aromatic Volatile Organics         Analyte : Ethylbenzene         ype of Blank : Equipment Blank         6/24/93
06/24/93
Total Number of Blanks = 2 Concentration Range 0.079 - 0.28 Total Number above Detection Limit = 2 Maximum Detection Limit = 0.0813  Method: SW8020 - Aromatic Volatile Organics
Total Number of Blanks = 2 Concentration Range 0.079 - 0.28  Total Number above Detection Limit = 2 Maximum Detection Limit = 0.0813  Method : SW8020 - Aromatic Volatile Organics
Total Number above Detection Limit = 2 Maximum Detection Limit = 0.0813  Method : SW8020 - Aromatic Volatile Organics
ype of Blank : Method Blank
6/09/93 BLK93460 GCQUE2306091614 ND 0.12 ug/L 1
6/14/93 BLK93545 GCQUE2306141634 ND 0.12 ug/L 1
6/16/93 BLK93548 GCTEX2306152237 ND 0.081 ug/L 1
6/19/93 BLK93552 GCKAY1306190024 0.027 (J) 0.068 ug/L 1
6/21/93 BLK93695 GCKAY1306211455 ND 0.068 ug/L 1
6/22/93 BLK93698 GCKAY1306221300 ND 0.068 ug/L 1
6/24/93 BLK93704 GCKAY1306240932 ND 0.068 ug/L 1
0.100.100
18/09/93 BLK931827 GCKAY1308091931 0.035 (J) 0.068 ug/L 1
18/09/93 BLK931827 GCKAY1308091931 0.035 (J) 0.068 ug/L 1 18/16/93 BLK931977 GCPEA2308161047 ND 0.020 ug/L 1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable B7-110 NA = Not Applicable

ND

ND

0.081

0.044

1

ug/L

ug/L

GCTEX2308242018

GCJAY2309150130

08/24/93

09/15/93

BLK931998

BLK932371

DATE	
ANALYZED	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Mı	ethod : SW8020 - Aromat	ic Volatile Organics				
	alyte : Ethylbenzene, o					
Type of 1	Blank : Method Blank					
9/20/93	BLK932379	GCJAY2309201444	ND	0.044	ug/L	1
/22/93	BLK932686	GCQUE2309221453	ND	0.12	ug/L	1
,,	BLK932683	GCTEX2309221032	ND	0.081	ug/L	1
/22/93				0.081	/1	1
••	BLK932690	GCTEX2309231506	ND	0.001	ug/L	1
/22/93 /23/93 /04/93		GCTEX2309231506 GCPEA2310041056	ND ND	0.020	ug/L ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.121

Method : SW8020 - Aromatic Volatile Organics

Analyte : Ethylbenzene

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE2306091614	0.033	(J)	0.12	ug/L	1	
06/10/93	BT-02	GCQUE2306091614	ND		0.12	ug/L	1	
06/14/93	BT-03	GCTEX2306141311	ND		0.081	ug/L	1	
06/16/93	BT-04	GCTEX2306152237	ND		0.081	ug/L	1	
06/19/93	BT-07	GCKAY1306190024	ND		0.068	ug/L	1	
06/19/93	BT-06	GCKAY1306190024	0.034	(J)	0.068	ug/L	1	
06/22/93	BT-08	GCKAY1306211455	ND		0.068	ug/L	1	
06/23/93	BT-09	GCKAY1306221300	ND		0.068	ug/L	1	
06/23/93	BT-10	GCKAY1306221300	ND		0.068	ug/L	1	
08/10/93	BT-11	GCKAY1308091931	ND		0.068	ug/L	1	
08/17/93	BT-12	GCPEA2308161047	ND		0.020	ug/L	1	
08/25/93	TB-06-02	GCTEX2308242018	ND		0.081	ug/L	1	
09/15/93	TB-07-02	GCJAY2309150130	ND		0.044	ug/L	1	
09/23/93	TB-09-02	GCTEX2309221032	ND		0.081	ug/L	1	
09/24/93	TB-10-02	GCJAY2309231030	0.032	(J)	0.044	ug/L	1	
09/24/93	TB-11-02	GCTEX2309231506	ND		0.081	ug/L	1	
10/05/93	TB-13-02	GCPEA2310041056	ND	,	0.020	ug/L	1	
· ·								

Total Number of Blanks = 17

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.12

Method : SW8020 - Aromatic Volatile Organics

Analyte : Toluene

Type of Blank : Ambient Blank

06/15/93	BA-01	GCTEX2306141311	0.40	0.081	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.15	0.081	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-111

* - Value considered suspect, refer to QC report

TABLE B	

DATE	SAMPLE	BATCH			DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
					~ · · · · · · · · · · · · · · ·		
Me	ethod : SW8020 - Aroma	tic Volatile Organics					
Ana	alyte : Toluene, cont.						
Type of E	Blank : Ambient Blank						
6/19/93	BA-04	GCKAY1306190024	0.19		0.048	ug/L	1
6/19/93	BA-05	GCKAY1306190024	0.10		0.048	ug/L	1
6/23/93	BA-07	GCKAY1306221300	0.029	(J)	0.048	ug/L	1
6/23/93	BA-08	GCKAY1306221300	0.059		0.048	ug/L	1
6/23/93	BA-09	GCKAY1306221300	ND		0.048	ug/L	1
8/24/93	AB-06	GCTEX2308231220	0.049	(J)	0.081	ug/L	1
9/23/93	AB-08	GCJAY2309231030	0.10	(B)	0.065	ug/L	1
9/23/93	AB-07	GCTEX2309221032	0.14	(B)	0.081	ug/L	1
9/24/93	AB-10	GCTEX2309231506	0.11	(B)	0.081	ug/L	1
	AB-11	GCTEX2309231506	0.15	(B)	0.081	ug/L	1
9/24/93			0.19	(B)	0.065	ug/L	

Total Number above Detection Limit = 10

Concentration Range 0.059 - 0.40

Maximum Detection Limit = 0.0813

Method : SW8020 - Aromatic Volatile Organics

Analyte : Toluene

Type of Blank : Equipment Blank

06/24/93	04-MW-01-EB-03	GCKAY1306240932	0.80	0.048	ug/L	1
10/07/93	08-GP-01-EB-01	GCTEX2310061111	1.6 (B)	0.081	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 2

Concentration Range 0.80 - 1.6
Maximum Detection Limit = 0.0813

Method: SW8020 - Aromatic Volatile Organics

Analyte : Toluene

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE2306091614	ND		0.11	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.11	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	0.014	(J)	0.081	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.049		0.048	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.048	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.048	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	0.028	(J)	0.048	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.030	(J)	0.048	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.033	ug/L	1
08/23/93	BLK931997	GCTEX2308231220	ND		0.081	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	0.027	(J)	0.081	ug/L	1
09/15/93	BLK932371	GCJAY2309150130	ND		0.065	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
W	athod . SUSU20 - Arom	atic Volatile Organics					
	alyte : Toluene, cont						
Type of	Blank : Method Blank						
09/20/93	BLK932379	GCJAY2309201444	ND		0.065	ug/L	1
09/22/93	BLK932683	GCTEX2309221032	0.024	(J)	0.081	ug/L	1
9/22/93	BLK932686	GCQUE2309221453	ND		0.11	ug/L	1
9/23/93	BLK932690	GCTEX2309231506	0.061	(J)	0.081	ug/L	1
10/04/93	BLK932891	GCPEA2310041056	ND		0.033	ug/L	1
10/06/93	BLK932895	GCTEX2310061111	0.033	(J)	0.081	ug/L	1
 To	tal Number of Blanks	= 18	Con	 centra	tion Range 0	.049 - 0.	049
Total Number above Detection Limit = 1		Maximum Detection Limit = 0.112					

Method: SW8020 - Aromatic Volatile Organics

Analyte : Toluene

Type of Blank : Trip Blank

06/09/93	BT-01	GCQUE2306091614	0.055	(J)	0.11	ug/L	1
06/10/93	BT-02	GCQUE2306091614	0.029	(J)	0.11	ug/L	1
06/14/93	BT-03	GCTEX2306141311	0.028	(J)	0.081	ug/L	1
06/16/93	BT-04	GCTEX2306152237	0.031	(J)	0.081	ug/L	1
06/19/93	BT-07	GCKAY1306190024	0.090		0.048	ug/L	1
06/19/93	BT-06	GCKAY1306190024	0.13		0.048	ug/L	1
06/22/93	BT-08	GCKAY1306211455	0.14		0.048	ug/L	1
06/23/93	BT-09	GCKAY1306221300	0.098		0.048	ug/L	1
06/23/93	BT-10	GCKAY1306221300	0.16		0.048	ug/L	1
08/10/93	BT-11	GCKAY1308091931	0.20		0.048	ug/L	1
08/17/93	BT-12	GCPEA2308161047	0.16		0.033	ug/L	1
08/25/93	TB-06-02	GCTEX2308242018	0.13	(B)	0.081	ug/L	1
09/23/93	TB-09-02	GCTEX2309221032	0.46	(B)	0.081	ug/L	1
09/24/93	TB-11-02	GCTEX2309231506	0.49	(B)	0.081	ug/L	1
09/24/93	TB-10-02	GCJAY2309231030	0.15	(B)	0.065	ug/L	1
10/05/93	TB-13-02	GCPEA2310041056	0.17		0.033	ug/L	1

Total Number of Blanks = 16

Total Number above Detection Limit = 12

Concentration Range 0.090 - 0.49
Maximum Detection Limit = 0.11

Method : SW8020 - Aromatic Volatile Organics

Analyte : Xylene (total)

Type of Blank: Ambient Blank

06/15/93	BA-01	GCTEX2306141311	0.48	0.081	ug/L	1
06/16/93	BA-02	GCTEX2306152237	0.27	0.081	ug/L	1
06/19/93	BA-04	GCKAY1306190024	0.25	0.085	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
	Method : SW8020 - Aroma	tic Volatile Organics					
	Analyte : Xylene (total)	, cont.					
Туре	of Blank : Ambient Blank						
06/19/93	BA-05	GCKAY1306190024	0.053	(J)	0.085	ug/L	1
06/22/93	BA-06	GCKAY1306211455	0.046	(J)	0.085	ug/L	1
6/23/93	BA-09	GCKAY1306221300	ND		0.085	ug/L	1
6/23/93	BA-07	GCKAY1306221300	ND		0.085	ug/L	1
8/24/93	AB-06	GCTEX2308231220	0.055	(J)	0.081	ug/L	1
9/23/93	AB-07	GCTEX2309221032	0.26	(B)	0.081	ug/L	1
9/23/93	AB-08	GCJAY2309231030	0.14	(B)	0.13	ug/L	1
9/24/93	AB-11	GCTEX2309231506	0.13	(B)	0.081	ug/L	1
9/24/93	AB-10	GCTEX2309231506	0.079	(J)	0.081	ug/L	1
9/24/93	AB-09	GCJAY2309231030	0.028	(1)	0.13	ug/L	1
	Total Number of Blanks =	13			ion Range 0		8
	Total Number above Detec	tion Limit = 6	Max	imum De	tection Limit	= 0.127	
	nod : SW8020 - Aromatic Vo /te : Xylene (total)	latile Organics					
ype of Bla	ank : Equipment Blank						
6/24/93	04-MW-01-EB-03	GCKAY1306240932	0.25		0.085	ug/L	1
0/07/93	08-GP-01-EB- <b>0</b> 1	GCTEX2310061111	1.7			ug/L	

06/24/93	04-MW-01-EB-03	GCKAY1306240932	0.25		0.085	ug/L	1	
10/07/93	08-GP-01-EB-01	GCTEX2310061111	1.7	(B)	0.081	ug/L	1	

Total Number of Blanks = 2 Concentration Range 0.25 -1.7 Total Number above Detection Limit = 2 Maximum Detection Limit = 0.085

Method : SW8020 - Aromatic Volatile Organics

Analyte : Xylene (total)

Type of Blank : Method Blank

06/09/93	BLK93460	GCQUE2306091614	ND		0.13	ug/L	1
06/14/93	BLK93545	GCQUE2306141634	ND		0.13	ug/L	1
06/16/93	BLK93548	GCTEX2306152237	0.012	(J)	0.081	ug/L	1
06/19/93	BLK93552	GCKAY1306190024	0.094		0.085	ug/L	1
06/21/93	BLK93695	GCKAY1306211455	ND		0.085	ug/L	1
06/22/93	BLK93698	GCKAY1306221300	ND		0.085	ug/L	1
06/24/93	BLK93704	GCKAY1306240932	0.030	(J)	0.085	ug/L	1
08/09/93	BLK931827	GCKAY1308091931	0.12		0.085	ug/L	1
08/16/93	BLK931977	GCPEA2308161047	ND		0.053	ug/L	1
08/23/93	BLK931997	GCTEX2308231220	ND		0.081	ug/L	1
08/24/93	BLK931998	GCTEX2308242018	0.027	(J)	0.081	ug/L	1
09/15/93	BLK932371	GCJAY2309150130	ND		0.13	ug/L	1
09/20/93	BLK932379	GCJAY2309201444	0.020	(J)	0.13	ug/L	1

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
		****					
	ethod : SW8020 - Aroma	<del>_</del>					
Ana	alyte : Xylene (total)	, cont.					
Type of E	Blank : Method Blank						
9/22/93	BLK932683	GCTEX2309221032	0.032	(J)	0.081	ug/L	1
9/22/93	BLK932686	GCQUE2309221453	ND		0.13	ug/L	1
9/23/93	BLK932690	GCTEX2309231506	0.024	(J)	0.081	ug/L	1
0/04/93	BLK932891	GCPEA2310041056	ND		0.053	ug/L	1
0/06/93	BLK932895	GCTEX2310061111	0.049	(J)	0.081	ug/L	1
Tot	al Number of Blanks =	18			ion Range 0		2 .
Tot	al Number above Detec	tion Limit = 2	Max	imum De	tection Limit	= 0.13	
	SW8020 - Aromatic Vo	latile Organics					
Analyte:	Xylene (total)						
ype of Blank :	Trip Blank						
6/09/93	BT-01	GCQUE2306091614	0.090	(٦)	0.13	ug/L	1
6/10/93	BT-02	GCQUE2306091614	0.071	(7)	0.13	ug/L	1
6/14/93	BT-03	GCTEX2306141311	ND		0.081	ug/L	1
6/16/93	BT-04	GCTEX2306152237	0.015	(J)	0.081	ug/L	1
20/10/02	DT OC	CCVAV120C100024	n 12		0.095	ua/I	1

0.085 ug/L 1 BT-06 GCKAY1306190024 0.13 06/19/93 0.085 ug/L 1 0.074 (J) 06/22/93 BT-08 GCKAY1306211455 1 06/23/93 BT-10 GCKAY1306221300 0.035 (J) 0.085 ug/L GCKAY1306221300 0.038 (J) 0.085 ug/L BT-09 06/23/93 0.066 0.085 ug/L GCKAY1308091931 08/10/93 BT-11 ND 0.053 ug/L GCPEA2308161047 BT-12 08/17/93 0.081 ug/L 1 GCTEX2308242018 0.030 (J) 08/25/93 TB-06-02 0.13 ug/L 1 ND TB-07-02 GCJAY2309150130 09/15/93 09/23/93 TB-09-02 GCTEX2309221032 0.045 (J) 0.081 ug/L 1 0.20 (B) 0.13 ug/L GCJAY2309231030 09/24/93 TB-10-02 0.029 (KJ) 0.081 ug/L 1 09/24/93 TB-11-02 GCTEX2309231506 0.053 ug/L 1 ND 10/05/93 TB-13-02 GCPEA2310041056

Total Number of Blanks = 16

Total Number above Detection Limit = 2

Concentration Range 0.13 - 0.

Maximum Detection Limit = 0.13

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte: 4,4'-DDD

Type of Blank : Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.0080	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0080	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0080	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0058	ug/L	.1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

	ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
	Method : SW8080 - Organo Analyte : 4,4'-DDD, cont.		PCBs				
Туре	of Blank : Method Blank						
06/23/93	BLK93653	CHGC6A306221200	MD		0.0000	/1	•
06/24/93	BLK93 617		ND		0.0080	ug/L	1
06/26/93		CHGC7A306231200	ND ND		0.0058	ug/L	1
)6/26/93 )6/26/93	BLK93728	CHGC1B306251200	ND a gas	(14)	0.024	ug/L	1
	BLK93707	CHGC1B306251200	0.026	(K)	0.024	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0058	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.024	ug/L	1
9/14/93 	BLK932397	CHGC7A309131200	ND		0.0058	ug/L	1
	Total Number of Blanks =				tion Range 0		26
	Total Number above Detect	ion Limit = 1	Max	imum De	etection Limit	= 0.024	
Analy	te : 4,4'-DDE nk : Equipment Blank	ne Pesticides and PCBs	0.000		0.0040	·· <del>·</del> /1	1
Analy	te : 4,4'-DDE  nk : Equipment Blank  04-MW-01-EB-03	CHGC1B306251200			0.0048	ug/L	1
Analy [.]	te : 4,4'-DDE nk : Equipment Blank	CHGC1B306251200	Cond	 centrat	0.0048  ion Range 0.	.089 - 0.0	
Analy ype of Blan 16/26/93 	te : 4,4'-DDE  nk : Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detect  od : SW8080 - Organochloria	CHGC1B306251200 1 1 ion Limit = 1	Cond	 centrat	ion Range 0.	.089 - 0.0	
Analy ype of Blan 16/26/93 Metho Analy	te : 4,4'-DDE  nk : Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detect	CHGC1B306251200 1 1 ion Limit = 1	Cond	 centrat	ion Range 0.	.089 - 0.0	
Analy  ype of Blan  6/26/93  Metho  Analy  ype of Blan	te : 4,4'-DDE  nk : Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detect  od : SW8080 - Organochlorin  te : 4,4'-DDE	CHGC1B3062512001  ion Limit = 1  ne Pesticides and PCBs	Cond Max	 centrat	tion Range 0.	.089 - 0.0 = 0.00476	<b></b> 89
Analymype of Blan Metho Analymype of Blan 6/15/93	te : 4,4'-DDE  nk : Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = :  Total Number above Detect  od : SW8080 - Organochlorin  te : 4,4'-DDE  nk : Method Blank	CHGC1B306251200 1 1 ion Limit = 1	Cond Max	 centrat	cion Range 0.etection Limit	.089 - 0.0 = 0.00476 ug/L	89 1
Analymype of Blan  6/26/93  Metho Analymype of Blan  6/15/93  6/18/93	te : 4,4'-DDE  nk : Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = :  Total Number above Detect  od : SW8080 - Organochlorin te : 4,4'-DDE  nk : Method Blank  BLK93-485	CHGC1B306251200  1 ion Limit = 1  ne Pesticides and PCBs  CHGC6A306141200 CHGC6A306181200	Cond Max: ND ND	 centrat	cion Range 0.etection Limit 0.0054 0.0054	.089 - 0.0 = 0.00476 ug/L ug/L	1 1
Analymype of Blan 6/26/93 Methomype of Blan 6/15/93 6/18/93 6/22/93	te: 4,4'-DDE  nk: Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = :  Total Number above Detect  od: SW8080 - Organochlorin  te: 4,4'-DDE  nk: Method Blank  BLK93-485  BLK93-567  BLK93-567	CHGC1B306251200  1 ion Limit = 1  ne Pesticides and PCBs  CHGC6A306141200 CHGC6A306181200 CHGC6A306221200	Cond Max: ND ND ND	 centrat	o.0054	ug/L ug/L ug/L	1 1 1
Analymype of Blan 6/26/93 Methodanalymype of Blan 6/15/93 6/18/93 6/22/93 6/23/93	te : 4,4'-DDE  nk : Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = :  Total Number above Detect  od : SW8080 - Organochlorin  te : 4,4'-DDE  nk : Method Blank  BLK93-485  BLK93-567  BLK93-567  BLK93-567  BLK93-567	CHGC1B306251200  1 ion Limit = 1  ne Pesticides and PCBs  CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200	Cond Max: ND ND ND ND	 centrat	0.0054 0.0054 0.0054 0.0054	ug/L ug/L ug/L ug/L ug/L	1 1 1
Analymype of Blan 6/26/93 Metho Analymype of Blan 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93	te: 4,4'-DDE  nk: Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detect  od: SW8080 - Organochlorin  te: 4,4'-DDE  nk: Method Blank  BLK93-485  BLK93-567  BLK93-567  BLK93-567  BLK93-567  BLK93-567  BLK93-567  BLK93-567  BLK93-567	CHGC1B306251200  1 ion Limit = 1  ne Pesticides and PCBs  CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200	Cond Max: ND ND ND ND ND	 centrat	0.0054 0.0054 0.0054 0.0054 0.0054	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Analymype of Blan 6/26/93  Metho Analymype of Blan 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93 6/23/93	te: 4,4'-DDE  nk: Equipment Blank  04-MW-01-EB-03  Total Number of Blanks =: Total Number above Detect  od: SW8080 - Organochlorin te: 4,4'-DDE  nk: Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93-567 BLK93-567 BLK93-563 BLK93-653 BLK93-617	CHGC1B306251200  1 ion Limit = 1  ne Pesticides and PCBs  CHGC6A306141200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200	Cond Max: ND ND ND ND ND	 centrat	0.0054 0.0054 0.0054 0.0054 0.0054 0.0054 0.0054	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Analy:  ype of Blan  6/26/93   Metho Analy:  ype of Blan  6/15/93  6/18/93  6/22/93  6/23/93  6/23/93  6/23/93  6/24/93  6/26/93	te: 4,4'-DDE  nk: Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = :  Total Number above Detect  od: SW8080 - Organochlorin  te: 4,4'-DDE  nk: Method Blank  BLK93-485  BLK93-567  BLK93-567  BLK93-567  BLK93-567  BLK93-678  BLK93-678	CHGC1B306251200  1 ion Limit = 1  The Pesticides and PCBs  CHGC6A306141200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200	Conc Max*	centrat	0.0054 0.0054 0.0054 0.0054 0.0061 0.0061 0.0049	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Analymype of Bland 6/26/93	te: 4,4'-DDE  nk: Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = Total Number above Detect  od: SW8080 - Organochlorin te: 4,4'-DDE  nk: Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93-567 BLK93-567 BLK93-567 BLK93-78 BLK93-78 BLK93-728 BLK93707	CHGC1B306251200  1 ion Limit = 1  The Pesticides and PCBs  CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC7B306251200 CHGC1B306251200 CHGC1B306251200	Conc Max*	 centrat	0.0054 0.0054 0.0054 0.0054 0.0061 0.0054 0.0061 0.0049	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Analy Type of Blan 06/26/93 Metho Analy	te: 4,4'-DDE  nk: Equipment Blank  04-MW-01-EB-03  Total Number of Blanks = :  Total Number above Detect  od: SW8080 - Organochlorin  te: 4,4'-DDE  nk: Method Blank  BLK93-485  BLK93-567  BLK93-567  BLK93-567  BLK93-567  BLK93-678  BLK93-678	CHGC1B306251200  1 ion Limit = 1  The Pesticides and PCBs  CHGC6A306141200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200	Conc Max*	centrat	0.0054 0.0054 0.0054 0.0054 0.0061 0.0061 0.0049	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1

Total Number above Detection Limit = 1

Maximum Detection Limit = 0.00612

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		*				
Method :	: SW8080 - Organochlorine	Pesticides and PCBs				
Analyte :	: 4,4'-DDT					
ype of Blank :	: Equipment Blank					
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.0068	ug/L	1
	Total Number of Blanks = 1 Total Number above Detection Limit = 0			ration Range ! Detection Limit		
101	tal Number above Detection	on Limit = U	Maxilliui	i Detection Limit	0.0000	
Method :	: SW8080 - Organochlorine	Pesticides and PCBs				
	: 4,4'-DDT					
Type of Blank :	: Method Blank					
06/15/93	BLK93-485	CHGC6A306141200	ND	0.010	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.010	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.010	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0066	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.010	ug/L	1
6/24/93	BLK93 617	CHGC7A306231200	ND	0.0066	ug/L	1
6/26/93	BLK93707	CHGC1B306251200	ND	0.0070	ug/L	1
6/26/93	BLK93728	CHGC1B306251200	ND	0.0070	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0066	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.0070	ug/L	1
)9/14/93 	BLK932397 	CHGC7A309131200	ND 	0.0066 	ug/L 	1
	tal Number of Blanks = 11			ration Range 1		
Tof	tal Number above Detection	on Limit = O	Maximun	n Detection Limi	t = 0.01	
Mathad	: SW8080 - Organochlorine	Posticides and PCRs				
Analyte :	_	Coproraco ana robo				
Type of Blank	: Equipment Blank					
06/26/93	04-MW-01-EB-03			0.0023		1
	tal Number of Blanks = 1			ration Range		
	tal Number above Detection			Detection Limi		

 ${\tt Method: SW8080 - Organochlorine\ Pesticides\ and\ PCBs}$ 

Analyte : Aldrin

Type of Blank : Method Blank

ND 0.0035 ug/L 1 CHGC6A306141200 06/15/93 BLK93-485 1 0.0035 ug/L 06/18/93 BLK93-567 CHGC6A306181200 ND

DATE	SAMPLE	ВАТСН		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	thod : SW8080 - Organo	ochlorine Pesticides and I	PCBs			
	lank : Method Blank					
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0035	ug/L	1
6/23/93	BLK93 678	CHGC7A306231200	ND	0.0053	ug/L	1
6/23/93	BLK93653	CHGC6A306221200	ND	0.0035	ug/L	1
6/24/93	BLK93 617	CHGC7A306231200	ND	0.0053	ug/L	1
6/26/93	BLK93707	CHGC1B306251200	ND	0.0024	ug/L	1
6/26/93	BLK93728	CHGC1B306251200	ND	0.0024	ug/L	1
8/07/93	BLK93 175	CHGC7A308061200	ND	0.0053	ug/L	1
8/21/93	BLK931966	CHGC1B308201200	ND	0.0024	ug/L	1
9/14/93	BLK932397	CHGC7A309131200	ND	0.0053	ug/L	1
Tot	al Number of Blanks =	11	 Concent	ration Range N	ic	
Tot	al Number above Detect	tion Limit = 0	Maximum	Detection Limit	= 0.0053	

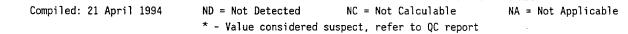
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.029	ug/L	1			
	tal Number of Blanks = 1 tal Number above Detectio	on Limit = O		tration Range M	IC : = 0.0291				
Method : SW8080 - Organochlorine Pesticides and PCBs Analyte : Chlordane									
Allalyce .	: Chlordane								
•	: Method Blank								
ype of Blank :		CHGC6A306141200	ND	0.030	ug/L	. 1			
/pe of Blank :	: Method Blank	CHGC6A306141200 CHGC6A306181200	ND ND	0.030 0.030	ug/L ug/L	1			
pe of Blank : 6/15/93 6/18/93	: Method Blank BLK93-485				•				
pe of Blank : 6/15/93 6/18/93 6/22/93	: Method Blank BLK93-485 BLK93-567	CHGC6A306181200	ND	0.030	ug/L				
pe of Blank : /15/93 /18/93 /22/93 /23/93	: Method Blank BLK93-485 BLK93-567 BLK93-567	CHGC6A306181200 CHGC6A306221200	ND ND	0.030 0.030	ug/L ug/L				
rpe of Blank : 5/15/93 5/18/93 5/22/93 5/23/93 5/23/93	BLK93-485 BLK93-567 BLK93-567 BLK93-567	CHGC6A306181200 CHGC6A306221200 CHGC7A306231200	ND ND ND	0.030 0.030 0.0093	ug/L ug/L ug/L				
ype of Blank : 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93 6/24/93	BLK93-485 BLK93-567 BLK93-567 BLK93-678 BLK93653	CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200	ND ND ND ND	0.030 0.030 0.0093 0.030	ug/L ug/L ug/L ug/L	1 1 1 1			
•	BLK93-485 BLK93-567 BLK93-567 BLK93-678 BLK93653 BLK93617	CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200 CHGC7A306231200	ND ND ND ND	0.030 0.030 0.0093 0.030 0.0093	ug/L ug/L ug/L ug/L ug/L	1 1 1 1			

09/14/93

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.03

0.0093



RI		

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
		ine Pesticides and PCBs					
Analyte :	Dieldrin						
ype of Blank :	Method Blank						•
06/15/93	BLK93-485	CHGC6A306141200	ND		0.0080	ug/L	1
6/18/93	BLK93-567	CHGC6A306181200	ND		0.0080	ug/L	1
		CHGC6A306221200	ND		0.0080	ug/L	1
6/22/93	BLK93-567	CHUCONSOUZETEOO	NU		0.0000	ug/ L	
	BLK93-567 BLK93 678	CHGC7A306231200	ND		0.0064	ug/L	1
6/23/93						<u> </u>	1 1
06/23/93 06/23/93	BLK93 678	CHGC7A306231200	ND		0.0064	ug/L	1 1 1
06/22/93 06/23/93 06/23/93 06/24/93 06/26/93	BLK93 678 BLK93653	CHGC7A306231200 CHGC6A306221200	ND ND	(K)	0.0064 0.0080	ug/L ug/L	1 1 1
6/23/93 6/23/93 6/24/93 6/26/93	BLK93 678 BLK93653 BLK93 617 BLK93707	CHGC7A306231200 CHGC6A306221200 CHGC7A306231200	ND ND ND	(K)	0.0064 0.0080 0.0064	ug/L ug/L ug/L	1 1 1 1
6/23/93 6/23/93 6/24/93 6/26/93	BLK93 678 BLK93653 BLK93 617	CHGC7A306231200 CHGC6A306221200 CHGC7A306231200 CHGC1B306251200	ND ND ND 0.0098	(K)	0.0064 0.0080 0.0064 0.0056	ug/L ug/L ug/L ug/L	1 1 1 1 1
06/23/93 06/23/93	BLK93 678 BLK93653 BLK93 617 BLK93707 BLK93728	CHGC7A306231200 CHGC6A306221200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200	ND ND ND 0.0098	(K)	0.0064 0.0080 0.0064 0.0056 0.0056	ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1

Total Number above Detection Limit = 1

Concentration Range 0.0098 -

Maximum Detection Limit = 0.008

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endosulfan I

Type of Blank : Equipment Blank

06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.0047	ug/L	1

Total Number of Blanks = 1

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.00466

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endosulfan I

Type of Blank : Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND		0.0062	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0062	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND		0.0062	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0031	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND		0.0062	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	0.0070	(K)	0.0031	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND		0.0048	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0048	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0031	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0048	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0031	ug/L	1

Total Number of Blanks = 11

Concentration Range 0.0070 - 0.0070

ND = Not Detected NC = Not Calculable Compiled: 21 April 1994 * - Value considered suspect, refer to QC report

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
						~~~~

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endosulfan I. cont.

Type of Blank: Method Blank

Total Number above Detection Limit = 1 Maximum Detection Limit = 0.0062

Concentration Range NC

Concentration Range NC

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endosulfan II

Type of Blank : Equipment Blank

04-MW-01-EB-03 CHGC1B306251200 ND 0.018 ug/L 1 06/26/93

Total Number of Blanks = 1

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0175

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endosulfan II

Type of Blank : Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.0050	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0050	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0050	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0068	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0050	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0068	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.018	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.018	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0068	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.018	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0068	ug/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.018

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endosulfan Sulfate

Type of Blank : Equipment Blank

06/26/93 04-MW-01-EB-03 CHGC1B306251200 ND 0.013 ug/L 1

Total Number of Blanks = 1 Concentration Range NC

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0126

7.8	21	_	n	~
1 4	RI	-	B-	- 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
				r			
Method :	SW8080 - Organochlori	ne Pesticides and PCBs			•		
	Endosulfan Sulfate	ne reservices and ress					
ype of Blank :	Method Blank						
6/15/93	BLK93-485	CHGC6A306141200	0.0063	(P)	0.014	ug/L	1
6/18/93	BLK93-567	CHGC6A306181200	0.0071	(J)	0.014	ug/L	1
O/ TO/ 22							_
	BLK93-567	CHGC6A306221200	0.0082	(J)	0.014	ug/L	1
6/22/93	BLK93-567 BLK93653	CHGC6A306221200 CHGC6A306221200	0.0082 0.0091	(J) (J)	0.014 0.014	ug/L ug/L	1
6/22/93 6/23/93						-	1 1 1
6/22/93 6/23/93 6/23/93	BLK93653	CHGC6A306221200	0.0091		0.014	ug/L	1 1 1
96/22/93 96/23/93 96/23/93 96/24/93	BLK93653 BLK93 678	CHGC6A306221200 CHGC7A306231200	0.0091 ND		0.014 0.013	ug/L ug/L	1 1 1 1
96/22/93 96/23/93 96/23/93 96/24/93 96/26/93	BLK93653 BLK93 678 BLK93 617	CHGC6A306221200 CHGC7A306231200 CHGC7A306231200	0.0091 ND ND	(1)	0.014 0.013 0.013	ug/L ug/L ug/L	1 1 1 1 1
6/22/93 6/23/93 6/23/93 6/24/93 6/26/93	BLK93653 BLK93 678 BLK93 617 BLK93728	CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200	0.0091 ND ND 0.0026	(J)	0.014 0.013 0.013 0.013	ug/L ug/L ug/L ug/L	1 1 1 1 1
6/22/93 6/23/93 6/23/93 6/24/93 6/26/93	BLK93653 BLK93 678 BLK93 617 BLK93728 BLK93707	CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200	0.0091 ND ND 0.0026 0.0080	(J)	0.014 0.013 0.013 0.013 0.013	ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.014

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endrin

Type of Blank : Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.012	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.012	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.012	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.012	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.011	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	. ND	0.011	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.017	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.017	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.011	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.017	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.011	ug/L	1
• •						

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.017

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endrin Aldehyde

Type of Blank : Equipment Blank

04-MW-01-EB-03 CHGC1B306251200

0.011

Total Number of Blanks = 1

Concentration Range NC

* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endrin Aldehyde, cont.

Type of Blank: Equipment Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.0107

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : Endrin Aldehyde

Type of Blank: Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.0066	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0066	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0066	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0058	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0066	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0058	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.011	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.011	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.0058	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.011	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0058	ug/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.011

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : Heptachlor

Type of Blank: Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.0054	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0054	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0054	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0027	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0054	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0027	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.0029	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.0029	ug/L	1
08/07/93	BLK93 175	- CHGC7A308061200	ND	0.0027	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.0029	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0027	ug/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.0054

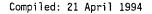


	TABLE B-7	DETAILED LISTING OF LIQUID	BLANKS RESULTS -	- WATER SAMPLES (GALENA 1993 EV	ENT
DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

0.0032 0.049 06/26/93 04-MW-01-EB-03 CHGC1B306251200

> Concentration Range 0.049 -Total Number of Blanks = 1 Maximum Detection Limit = 0.0032 Total Number above Detection Limit = 1

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : Heptachlor epoxide

Type of Blank: Method Blank

06/15/93	BLK93-485	CHGC6A306141200	0.021	(K)	0.0034	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND		0.0034	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	0.010	(K)	0.0034	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	0.0076	(K)	0.0034	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND		0.0033	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND		0.0033	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND		0.0033	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	0.000600	(J)	0.0033	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND		0.0033	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND		0.0033	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND		0.0033	ug/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 3

Concentration Range 0.0076 - 0.021 Maximum Detection Limit = 0.0034

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : Methoxychlor

Type of Blank: Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.049	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.049	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.049	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.040	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND .	0.049	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.040	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.039	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.039	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.040	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.039	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.040	ug/L	1

Total Number of Blanks = 11

Concentration Range $\,$ NC

TABLE B-7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
				~~~~~		
Met	hod : SW8080 - Organo	chlorine Pesticides and	ł PCBs			

Type of Blank : Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.049

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : PCB-1016

Type of Blank : Equipment Blank

06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.045	ug/L	1	
Tota	al Number of Blanks = 1			tration Range	NC		_

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0447

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : PCB-1016

Type of Blank : Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.10	ug/L	1	
06/18/93	BLK93-567	CHGC6A306181200	ND	0.10	ug/L	1	
06/22/93	BLK93-567	CHGC6A306221200	ND	0.10	ug/L	1	
06/23/93	BLK93653	CHGC6A306221200	ND	0.10	ug/L	1	
06/23/93	BLK93 678	CHGC7A306231200	ND	0.055	ug/L	1	
06/24/93	BLK93 617	CHGC7A306231200	ND	0.055	ug/L	1	
06/26/93	BLK93728	CHGC1B306251200	ND	0.046	ug/L	1	
06/26/93	BLK93707	CHGC1B306251200	ND	0.046	ug/L	1	
08/07/93	BLK93 175	CHGC7A308061200	ND	0.055	ug/L	1	
08/21/93	BLK931966	CHGC1B308201200	ND	0.046	ug/L	1	
09/14/93	BLK932397	CHGC7A309131200	ND .	0.055	ug/L	1	

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.1

Concentration Range NC

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : PCB-1221

Type of Blank : Equipment Blank

06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.047	ug/L	1

Total Number of Blanks = 1

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0466

	171000	_
		_
DATE		

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
		ine Pesticides and PCBs				
Analyte :	: PCB-1221					
ype of Blank :	: Method Blank					
06/15/93	BLK93-485	CHGC6A306141200	ND	0.19	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.19	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.19	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.19	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.074	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.074	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.048	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.048	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.074	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.048	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.074	ug/L	1
Tot	al Number of Blanks =	11	Concent	ration Range N	с С	
Tot	al Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 0.19	

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : PCB-1232

Type of Blank : Equipment Blank

06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.069	ug/L	1

Total Number of Blanks = 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0689

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : PCB-1232

Type of Blank : Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.056	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.056	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.056	ug/L	-1
06/23/93	BLK93653	CHGC6A306221200	ND	0.056	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.13	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.13	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.071	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.071	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.13	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.071	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.13	ug/L	1

Total Number of Blanks = 11

Concentration Range NC

Compiled: 21 April 1994 NC = Not Calculable ND = Not Detected

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	10	ID	RESULT	LIMIT	UNITS	FACTOR
	 Method : SW8080 - Organocl	ploring Pasticides and D				
	Analyte : PCB-1232, cont.	norme restretues and r	CDS			
Туре	e of Blank : Method Blank					
	Total Number above Detection	on Limit = 0	Maximum	Detection Limit	t = 0.13	
	chod : SW8080 - Organochloring yte : PCB-1242	e Pesticides and PCBs				
ype of B	ank : Equipment Blank					
06/26/93	04-MW-01-EB-03	CHGC1B306251200	ND	0.054	ug/L	1
	Total Number of Blanks = 1	· · · · · · · · · · · · · · · · · · ·	Concent	ration Range	1C	
	Total Number above Detection	on Limit = 0		Detection Limit		
	hod : SW8080 - Organochlorine yte : PCB-1242	Pesticides and PCBs				
Anal		Pesticides and PCBs				
Anal ype of Bl 06/15/93	yte : PCB-1242 ank : Method Blank BLK93-485	CHGC6A306141200	ND	0.058	ug/L	1
Anal ype of Bl 6/15/93 6/18/93	yte : PCB-1242 ank : Method Blank BLK93-485 BLK93-567	CHGC6A306141200 CHGC6A306181200	ND	0.058	ug/L	1
Anal ype of Bl 6/15/93 6/18/93 6/22/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200	ND ND	0.058 0.058	ug/L ug/L	1 1
Anal ype of Bl 6/15/93 6/18/93 6/22/93 6/23/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93-567	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200	ND ND	0.058 0.058 0.052	ug/L ug/L ug/L	1 1 1
Anal (ype of Bl 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93-678 BLK93653	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200	ND ND ND ND	0.058 0.058 0.052 0.058	ug/L ug/L ug/L ug/L	1 1 1
Anal (ype of Bl 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93 6/24/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93 678 BLK93653 BLK93 617	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200 CHGC7A306231200	ND ND ND ND	0.058 0.058 0.052 0.058 0.052	ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Anal ype of Bl 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93 6/24/93 6/26/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93-567 BLK93-563 BLK93-617 BLK93707	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200 CHGC7A306231200 CHGC1B306251200	ND ND ND ND ND	0.058 0.058 0.052 0.058 0.052 0.056	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Anal Type of Bl 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93 6/24/93 6/26/93 6/26/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93-678 BLK93653 BLK93653 BLK93707 BLK93728	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200	ND ND ND ND ND ND	0.058 0.058 0.052 0.058 0.052 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Anal 1996 of Bl 1996 of Bl 1996 of Bl 1993 of	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93-678 BLK93-653 BLK93-617 BLK93707 BLK93707 BLK93728 BLK93-175	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200 CHGC7A306231200 CHGC7B306251200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200	ND ND ND ND ND ND	0.058 0.058 0.052 0.058 0.052 0.056 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Anal 1996 of Bl 1996 of Bl 1996 of Bl 1993 of	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93 678 BLK93653 BLK93651 BLK93707 BLK93707 BLK93728 BLK931966 BLK932397	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200 CHGC7A306231200 CHGC7B306251200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC7A308061200 CHGC1B308201200 CHGC7A309131200	ND	0.058 0.058 0.052 0.058 0.052 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Anal Type of Bl 206/15/93 206/18/93 206/23/93 206/23/93 206/26/93 206/26/93 208/07/93 208/21/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93 678 BLK93653 BLK93707 BLK93707 BLK93728 BLK93175 BLK931966 BLK932397  Total Number of Blanks = 11	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC1B308201200 CHGC1B308201200	ND	0.058 0.058 0.052 0.058 0.052 0.056 0.052 0.056 0.052	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Anal	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93 678 BLK93653 BLK93617 BLK93707 BLK93707 BLK93728 BLK93 175 BLK931966 BLK932397	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC1B308201200 CHGC1B308201200	ND	0.058 0.058 0.052 0.058 0.052 0.056 0.056 0.052 0.056	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Anal Type of Bl 16/15/93 16/18/93 16/22/93 16/23/93 16/23/93 16/24/93 16/26/93 16/26/93 16/26/93 16/26/93 16/26/93 16/26/93 16/26/93 16/26/93 16/26/93 16/26/93 16/26/93	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93 678 BLK93653 BLK93707 BLK93707 BLK93728 BLK93175 BLK931966 BLK932397  Total Number of Blanks = 11	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7B306251200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC7B308201200 CHGC7A309131200 CHGC7A309131200	ND	0.058 0.058 0.052 0.058 0.052 0.056 0.052 0.056 0.052	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Anal Type of Bl 06/15/93 06/18/93 06/22/93 06/23/93 06/23/93 06/24/93 06/26/93 06/26/93 08/07/93 08/14/93 09/14/93 Met Anal	yte : PCB-1242  ank : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93 678 BLK93653 BLK93707 BLK93707 BLK93728 BLK93175 BLK931966 BLK932397  Total Number of Blanks = 11 Total Number above Detection	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7B306251200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC7B308201200 CHGC7A309131200 CHGC7A309131200	ND	0.058 0.058 0.052 0.058 0.052 0.056 0.052 0.056 0.052	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1

Compiled: 21 April 1994

Total Number of Blanks = 1

Total Number above Detection Limit = 0

ND = Not Detected

NC = Not Calculable

NA = Not Applicable .

Concentration Range NC

Maximum Detection Limit = 0.0524

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8080 - Organochlorine : PCB-1248	Pesticides and PCBs				
ype of Blank	: Method Blank					
06/15/93	BLK93-485	CHGC6A306141200	ND	0.15	ug/L	1
6/18/93	BLK93-567	CHGC6A306181200	ND	0.15	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.15	ug/L	1
6/23/93	BLK93 678	CHGC7A306231200	ND	0.028	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.15	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.028	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.054	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.054	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	ND	0.028	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	ND	0.054	ug/L	1
9/14/93	BLK932397	CHGC7A309131200	ND	0.028	ug/L	1
 T	otal Number of Blanks = 1		Concent	tration Range N	C	
T	otal Number above Detection	n Limit = 0	Maximum	n Detection Limit	= 0.15	
	l : SW8080 - Organochlorine e : PCB-1254	Pesticides and PCBs				
Analyte		•				
	: Equipment Blank					
Type of Blank	04-MW-01-EB-03		ND	0.072	ug/L	1
Type of Blank 06/26/93						1
Type of Blank 06/26/93 	04-MW-01-EB-03		Concent		 C	1
Type of Blank 06/26/93  T T	04-MW-01-EB-03 otal Number of Blanks = 1 otal Number above Detection	on Limit = 0	Concent	tration Range N	 C	1
Type of Blank D6/26/93 T T	04-MW-01-EB-03 otal Number of Blanks = 1	on Limit = 0	Concent	tration Range N	 C	1
Type of Blank 06/26/93 T T Method	04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detection  i : SW8080 - Organochlorine	on Limit = 0	Concent	tration Range N	 C	1
Type of Blank  06/26/93  T  T  Method  Analyte	04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detection  d: SW8080 - Organochloring e: PCB-1254  K: Method Blank	en Limit = 0 e Pesticides and PCBs	Concent Maximur	tration Range N n Detection Limit	CC = 0.0718	1
Type of Blank  06/26/93  T  Method Analyte  Type of Blank	04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detection  d: SW8080 - Organochlorine e: PCB-1254  c: Method Blank  BLK93-485	en Limit = 0 Pesticides and PCBs CHGC6A306141200	Concent Maximur	tration Range N n Detection Limit	C = 0.0718	
Type of Blank 06/26/93 T T Method	04-MW-01-EB-03  Total Number of Blanks = 1  Total Number above Detection  d: SW8080 - Organochloring e: PCB-1254  K: Method Blank	en Limit = 0 e Pesticides and PCBs	Concent Maximur	tration Range N n Detection Limit	CC = 0.0718	1

09/14/93	BLK932397	CHGC7A309131200	ND	0.040	ug/L	1	
08/21/93	BLK931966	CHGC1B308201200	ND	0.074	ug/L	1	
08/07/93	BLK93 175	CHGC7A308061200	ND	0.040	ug/L	1	
06/26/93	BLK93707	CHGC1B306251200	ND	0.074	ug/L	1	
06/26/93	BLK93728	CHGC1B306251200	ND	0.074	ug/L	1	
06/24/93	BLK93 617	CHGC7A306231200	ND	0.040	ug/L	1	
06/23/93	BLK93 678	CHGC7A306231200	ND	0.040	ug/L	1	
06/23/93	BLK93653	CHGC6A306221200	ND	0.079	ug/L	1	
06/22/93	BLK93-567	CHGC6A306221200	ND	0.079	ug/L	1	
06/18/93	BLK93-567	CHGC6A306181200	ND	0.079	ug/L	1	
06/15/93	BLK93-485	CHGC6A306141200	ND	0.079	ug/L	1	

Concentration Range NC

	SAMPLE	RATCU		DETECTION		DITITO
DATE ANALYZED	ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	 Method : SW8080 - Organoch	nlorine Pesticides and P	CBs			
Ar	ealyte : PCB-1254, cont.					
Type of	Blank : Method Blank					
To	otal Number above Detectio	on Limit = 0	Maximum	Detection Limit	: = 0.079	
	: SW8080 - Organochlorine : PCB-1260	Pesticides and PCBs				
	: Equipment Blank	01/00112200051200	ND	0.050	(1	,
6/26/93 		CHGC1B306251200	ND	0.050 	ug/L 	1 
	tal Number of Blanks = 1 tal Number above Detectio			ration Range M Detection Limit		
	Tal Hamber above beleating	The contract of	TIGA TITIGIT	Detection Emili	0.0455	
	: SW8080 - Organochlorine	Pesticides and PCBs				
Analyte	: SW8080 - Organochlorine : PCB-1260 : Method Blank	Pesticides and PCBs				
Analyte	: PCB-1260 .	Pesticides and PCBs  CHGC6A306141200	ND	0.045	ug/L	1
Analyte  ype of Blank  6/15/93  6/18/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567	CHGC6A306141200 CHGC6A306181200	ND ND	0.045 0.045	ug/L ug/L	1 1
Analyte /pe of Blank 5/15/93 5/18/93 5/22/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200	ND ND	0.045 0.045	ug/L ug/L	
Analyte  /pe of Blank  5/15/93 5/18/93 5/22/93 5/23/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200	ND ND ND	0.045 0.045 0.045	ug/L ug/L ug/L	1 1 1
Analyte /pe of Blank 6/15/93 6/18/93 6/22/93 6/23/93 6/23/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200	ND ND ND ND	0.045 0.045 0.045 0.053	ug/L ug/L ug/L ug/L	1 1 1
Analyte  /pe of Blank  6/15/93 6/18/93 6/22/93 6/23/93 6/23/93 6/24/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200	ND ND ND ND ND	0.045 0.045 0.045 0.053 0.053	ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Analyte  /pe of Blank  5/15/93 6/18/93 6/22/93 6/23/93 6/23/93 6/24/93 6/26/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617 BLK93728	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200	ND ND ND ND ND	0.045 0.045 0.045 0.053 0.053 0.051	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Analyte  ype of Blank  5/15/93  5/18/93  5/22/93  5/23/93  5/23/93  5/24/93  5/26/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617 BLK93728 BLK93707	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200	ND ND ND ND ND ND	0.045 0.045 0.045 0.053 0.053 0.051	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Analyte  ype of Blank  6/15/93  6/18/93  6/22/93  6/23/93  6/23/93  6/24/93  6/26/93  6/26/93  8/07/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 617 BLK93728 BLK93707 BLK93 175	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200	ND ND ND ND ND ND ND	0.045 0.045 0.045 0.053 0.053 0.051 0.051	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Analyte  ype of Blank  6/15/93  6/18/93  6/22/93  6/23/93  6/23/93  6/24/93  6/26/93  8/07/93  8/21/93	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617 BLK93728 BLK93707	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200	ND ND ND ND ND ND	0.045 0.045 0.045 0.053 0.053 0.051	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Analyte  ype of Blank  6/15/93  6/18/93  6/22/93  6/23/93  6/23/93  6/24/93  6/26/93  8/07/93  8/21/93  9/14/93	: PCB-1260 : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617 BLK93728 BLK93707 BLK931966 BLK932397	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC7B308201200 CHGC1B308201200 CHGC7A309131200	ND N	0.045 0.045 0.045 0.053 0.051 0.051 0.053 0.051 0.053	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Analyte  ype of Blank  6/15/93  6/18/93  6/22/93  6/23/93  6/23/93  6/24/93  6/26/93  8/07/93  8/21/93  9/14/93  To	: PCB-1260 : Method Blank BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617 BLK93728 BLK93707 BLK93 175 BLK931966 BLK932397	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC7B308201200 CHGC1B308201200 CHGC7A309131200	ND N	0.045 0.045 0.045 0.053 0.053 0.051 0.051 0.053 0.051	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Analyte  ype of Blank  5/15/93  5/18/93  5/22/93  5/23/93  5/23/93  5/24/93  5/26/93  3/07/93  3/14/93  To  Method	: PCB-1260 : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617 BLK93728 BLK93707 BLK931966 BLK932397	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC7A309131200 CHGC7A309131200	ND N	0.045 0.045 0.045 0.053 0.051 0.051 0.053 0.051 0.053	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Analyte  ype of Blank  6/15/93  6/18/93  6/22/93  6/23/93  6/23/93  6/24/93  6/26/93  8/07/93  8/21/93  9/14/93  To  Method  Analyte	: PCB-1260 : Method Blank  BLK93-485 BLK93-567 BLK93-567 BLK93653 BLK93 678 BLK93 617 BLK93728 BLK93707 BLK93 175 BLK931966 BLK932397 tal Number of Blanks = 11 tal Number above Detectio	CHGC6A306141200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC1B306251200 CHGC1B306251200 CHGC7A308061200 CHGC7A309131200 CHGC7A309131200	ND N	0.045 0.045 0.045 0.053 0.051 0.051 0.053 0.051 0.053	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0971

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		~~				
M . E.L	C1/C000 0	ine Destinides and DCRs				
	=	ine Pesticides and PCBs				
Analyte:	Toxaphene					
ype of Blank :	Method Blank					
ype or brank .	riethod brank					
6/15/93	BLK93-485	CHGC6A306141200	ND	0.010	ug/L	1
5/18/93	BLK93-567	CHGC6A306181200	ND	0.010	ug/L	1
5/22/93	BLK93-567	CHGC6A306221200	ND	0.010	ug/L	1
5/23/93	BLK93653	CHGC6A306221200	ND	0.010	ug/L	1
6/23/93	BLK93 678	CHGC7A306231200	ND	0.034	ug/L	1
6/24/93	BLK93 617	CHGC7A306231200	ND	0.034	ug/L	1
6/26/93	BLK93728	CHGC1B306251200	ND	0.10	ug/L	1
5/26/93	BLK93707	CHGC1B306251200	ND	0.10	ug/L	1
3/07/93	BLK93 175	CHGC7A308061200	ND	0.034	ug/L	1
8/21/93	BLK931966	CHGC1B308201200	ND	0.10	ug/L	1
9/14/93	BLK932397	CHGC7A309131200	ND	0.034	ug/L	1
 To+	al Number of Blanks =	<del></del>	Concent	tration Range N	 C	
	al Number above Detec			n Detection Limit	= 0.1	
100	at Humber above becco					

06/26/93	04-MW-01-EB-03	CHGC1B306251200	0.016	(P) 0.0019	ug/L	1
To	tal Number of Blanks = 1		Concer	ntration Range 0	.016 - 0.01	6
То	tal Number above Detecti	on Limit = 1	Maximu	um Detection Limit	= 0.00194	
	: SW8080 - Organochlorin : alpha-BHC	e Pesticides and PCDS				
Type of Blank	: Method Blank					
	: Method Blank BLK93-485	CHGC6A306141200	ND	0.0040	ug/L	1
6/15/93		CHGC6A306141200 CHGC6A306181200	ND ND	0.0040 0.0040	ug/L ug/L	1 1
6/15/93 6/18/93	BLK93-485					1 1 1
06/15/93 06/18/93 06/22/93	BLK93-485 BLK93-567	CHGC6A306181200	ND	0.0040	ug/L	1 1 1 1
6/15/93 6/18/93 6/22/93 6/23/93	BLK93-485 BLK93-567 BLK93-567	CHGC6A306181200 CHGC6A306221200	ND ND	0.0040 0.0040	ug/L ug/L	1 1 1 1
06/15/93 06/18/93 06/22/93 06/23/93	BLK93-485 BLK93-567 BLK93-567 BLK93 678	CHGC6A306181200 CHGC6A306221200 CHGC7A306231200	ND ND ND	0.0040 0.0040 0.0020	ug/L ug/L	1 1 1 1 1
Type of Blank 06/15/93 06/18/93 06/22/93 06/23/93 06/23/93 06/24/93 06/26/93	BLK93-485 BLK93-567 BLK93-567 BLK93 678 BLK93653	CHGC6A306181200 CHGC6A306221200 CHGC7A306231200 CHGC6A306221200	ND ND ND ND	0.0040 0.0040 0.0020 0.0040	ug/L ug/L ug/L ug/L	1 1 1 1 1 1

Concentration Range NC Total Number of Blanks = 11

CHGC7A308061200

CHGC1B308201200

CHGC7A309131200

BLK93 175

BLK931966

BLK932397

08/07/93

08/21/93

ND

ND

ND.

0.0020

0.0020

0.0020

ug/L

ug/L

ug/L

1

1

TABLE B-7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte: alpha-BHC, cont.

Type of Blank: Method Blank

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.004

Concentration Range NC

Method : SW8080 - Organochlorine Pesticides and PCBs

Analyte : beta-BHC

Type of Blank : Equipment Blank

06/26/93 04-MW-01-EB-03 CHGC1B306251200 0.046 ug/L 1

Total Number of Blanks = 1

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0456

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : beta-BHC

Type of Blank: Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.0064	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0064	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0064	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0066	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0064	ug/L	1
06/24/93	BLK93 617	CHGC7A306231200	ND	0.0066	ug/L	1
06/26/93	BLK93728	CHGC1B306251200	ND	0.047	ug/L	1
06/26/93	BLK93707	CHGC1B306251200	ND	0.047	ug/L	1
08/07/93	BLK93 175	CHGC7A308061200	. ND	0.0066	ug/L	1
08/21/93	BLK931966	CHGC1B308201200	В	0.047	ug/L	1
09/14/93	BLK932397	CHGC7A309131200	ND	0.0066	ug/L	1

Total Number of Blanks = 11

Total Number above Detection Limit = 0

Concentration Range NC

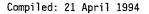
Maximum Detection Limit = 0.047

Method: SW8080 - Organochlorine Pesticides and PCBs

Analyte : delta-BHC

Type of Blank: Method Blank

06/15/93	BLK93-485	CHGC6A306141200	ND	0.0022	ug/L	1
06/18/93	BLK93-567	CHGC6A306181200	ND	0.0022	ug/L	1
06/22/93	BLK93-567	CHGC6A306221200	ND	0.0022	ug/L	1
06/23/93	BLK93653	CHGC6A306221200	ND	0.0022	ug/L	1
06/23/93	BLK93 678	CHGC7A306231200	ND	0.0036	ug/L	1



### AMALTZED ID 1D RESULT LIMIT UNITS FACTOR	DATE	SAMPLE	BATCH		DETECTION		DILUTIO
Method : SW8080 - Organochlorine Pesticides and PCBs						UNITS	FACTOR
Type of Blank : Method Blank  6/24/93				PCBs			
State	Type of	Blank : Method Blank					
6/26/93 BLK93707 CHGC1B306251200 0.015 (K) 0.0018 ug/L 1 6/26/93 BLK93728 CHGC1B306251200 ND 0.0018 ug/L 1 8/07/93 BLK93 175 CHGC7A308061200 ND 0.0036 ug/L 1 8/07/93 BLK931966 CHGC1B308201200 ND 0.0036 ug/L 1 9/14/93 BLK93297 CHGC7A309131200 ND 0.0036 ug/L 1  Total Number of Blanks = 11 Total Number above Detection Limit = 1  Method: SW8080 - Organochlorine Pesticides and PCBs Analyte: gamma-BHC(Lindane)  Ype of Blank: Equipment Blank  16/26/93 04-MW-01-EB-03 CHGC1B306251200 ND 0.0022 ug/L 1  Total Number of Blanks = 1 Total Number of Blanks = 1 Total Number of Blanks = 0.00362  Method: SW8080 - Organochlorine Pesticides and PCBs Analyte: gamma-BHC(Lindane)  Ype of Blank: Method Blank  16/26/93 BLK93-485 CHGC6A306141200 ND 0.0046 ug/L 1  16/15/93 BLK93-485 CHGC6A306141200 ND 0.0046 ug/L 1 16/15/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1 16/15/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1 16/15/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1	£/24/93	BI K93 617	CHGC7A306231200	ND	0.0036	ug/L	1
Section   Sect			CHGC1B306251200	0.015	(K) 0.0018	ug/L	1
### BLK93 175				ND	0.0018	ug/L	1
### BLK931966			CHGC7A308061200	ND -	0.0036	ug/L	1
### Total Number of Blanks = 11			CHGC1B308201200	ND	0.0018	ug/L	1
Total Number above Detection Limit = 1  Maximum Detection Limit = 0.00362  Method: SW8080 - Organochlorine Pesticides and PCBs Analyte: gamma-BHC(Lindane)  Type of Blank: Equipment Blank  Method: SW8080 - Organochlorine Pesticides and PCBs Analyte: gamma-BHC(Lindane)  Total Number of Blanks = 1  Total Number above Detection Limit = 0  Maximum Detection Limit = 0.00223  Method: SW8080 - Organochlorine Pesticides and PCBs Analyte: gamma-BHC(Lindane)  Type of Blank: Method Blank			CHGC7A309131200	ND	0.0036	ug/L	1
Total Number of Blanks = 1 Total Number above Detection Limit = 0  Method: SW8080 - Organochlorine Pesticides and PCBs Analyte: gamma-BHC(Lindane)  Type of Blank: Method Blank  D6/15/93  BLK93-485  CHGC6A306141200  ND  D.0046  ug/L  1  1  1  1  1  1  1  1  1  1  1  1  1	Method	: SW8080 - Organochlori	ne Pesticides and PCBs				
Total Number above Detection Limit = 0  Maximum Detection Limit = 0.00223  Method: SW8080 - Organochlorine Pesticides and PCBs Analyte: gamma-BHC(Lindane)  Type of Blank: Method Blank	Analyte	: gamma-BHC(Lindane)	ne Pesticides and PCBs				
Method : SW8080 - Organochlorine Pesticides and PCBs Analyte : gamma-BHC(Lindane)  Type of Blank : Method Blank  D6/15/93 BLK93-485 CHGC6A306141200 ND 0.0046 ug/L 1 D6/18/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1	Analyte ype of Blank	: gamma-BHC(Lindane) : Equipment Blank		ND	0.0022	ug/L	1
Analyte : gamma-BHC(Lindane)  Type of Blank : Method Blank  16/15/93 BLK93-485 CHGC6A306141200 ND 0.0046 ug/L 1  16/18/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1	Analyte ype of Blank 6/26/93	: gamma-BHC(Lindane) : Equipment Blank 04-MW-01-EB-03	CHGC1B306251200	Conce	entration Range	NC	1
06/15/93 BLK93-485 CHGC6A306141200 ND 0.0046 ug/L 1 06/18/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1	Analyte Type of Blank D6/26/93 To	: gamma-BHC(Lindane) : Equipment Blank  04-MW-01-EB-03  tal Number of Blanks =	CHGC1B306251200	Conce	entration Range	NC	1
06/18/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1	Analyte Type of Blank D6/26/93 To To Method	: gamma-BHC(Lindane) : Equipment Blank  04-MW-01-EB-03  tal Number of Blanks = tal Number above Detect : SW8080 - Organochlori	CHGC1B306251200 	Conce	entration Range	NC NC	1
06/18/93 BLK93-567 CHGC6A306181200 ND 0.0046 ug/L 1	Analyte Type of Blank D6/26/93 To To Method Analyte	: gamma-BHC(Lindane) : Equipment Blank  04-MW-01-EB-03  tal Number of Blanks = tal Number above Detect : SW8080 - Organochloric : gamma-BHC(Lindane)	CHGC1B306251200 	Conce	entration Range	NC NC	1
	Analyte Type of Blank 16/26/93 To To Method Analyte Type of Blank	: gamma-BHC(Lindane)  : Equipment Blank  04-MW-01-EB-03   tal Number of Blanks = tal Number above Detect  : SW8080 - Organochloric gamma-BHC(Lindane)  : Method Blank	CHGC1B306251200  I  ion Limit = 0  ne Pesticides and PCBs	Conce Maxim	entration Range num Detection Lin	NC nit = 0.00223	
16/22/93 BLK93-56/ CNGCOASUOZZIZUU NU 0.0040 U9/C I	Analyte Type of Blank 16/26/93 To To Method Analyte Type of Blank	: gamma-BHC(Lindane) : Equipment Blank  04-MW-01-EB-03  tal Number of Blanks = tal Number above Detect  : SW8080 - Organochlorit : gamma-BHC(Lindane)  : Method Blank  BLK93-485	CHGC1B306251200  I  ion Limit = 0  ne Pesticides and PCBs  CHGC6A306141200	Conce Maxim	entration Range num Detection Lin	NC mit = 0.00223	1
06/23/93 BLK93653 CHGC6A306221200 ND 0.0046 ug/L 1	Analyte Type of Blank D6/26/93 To To Method Analyte	: gamma-BHC(Lindane) : Equipment Blank  04-MW-01-EB-03  tal Number of Blanks = tal Number above Detect  : SW8080 - Organochlorit : gamma-BHC(Lindane)  : Method Blank  BLK93-485	CHGC1B306251200  I  ion Limit = 0  ne Pesticides and PCBs  CHGC6A306141200	Conce Maxim	entration Range num Detection Lin	NC nit = 0.00223 ug/L ug/L ug/L	1
06/23/93 BLK93 678 CHGC7A306231200 ND 0.0032 ug/L 1	Analyte Type of Blank D6/26/93 To To Method Analyte Type of Blank D6/15/93 D6/18/93 D6/22/93	: gamma-BHC(Lindane) : Equipment Blank  04-MW-01-EB-03  tal Number of Blanks = tal Number above Detect  : SW8080 - Organochlorii : gamma-BHC(Lindane) : Method Blank  BLK93-485 BLK93-567 BLK93-567	CHGC1B306251200  I  ion Limit = 0  The Pesticides and PCBs  CHGC6A306141200  CHGC6A306181200  CHGC6A306221200	Conce Maxim ND ND ND	entration Range num Detection Lin 0.0046 0.0046 0.0046	NC nit = 0.00223 ug/L ug/L ug/L	1 1 1

BLK93 617

BLK93728

BLK93707

BLK93 175

BLK931966

BLK932397

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.0046

0.0032

0.0023

0.0023

0.0032

0.0023

0.0032

06/24/93

06/26/93

06/26/93

08/07/93

08/21/93

09/14/93

ND

ND

ND

ND

ND

0.0014

1

1

1

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

CHGC7A306231200

CHGC1B306251200

CHGC1B306251200

CHGC7A308061200

CHGC1B308201200

CHGC7A309131200

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW8240 - Volatile Or	ganics				
Anal	yte : 1,1,1-Trichloroethan	2				
ype of Bl	ank : Ambient Blank					
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
8/25/93 	AB-04	VOA*93238 	ND 	1.0	ug/L	1
	Total Number of Blanks =			ration Range N		
	Total Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 1	
11-41	had CUODAD Walatila Ou					
	hod : SW8240 - Volatile Org yte : 1,1,1-Trichloroethand					
ype of Bla	ank : Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
8/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
8/25/93	METHOD	VOA*93238	0.00	1.0	ug/L	1
0/04/93 	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
	Total Number of Blanks =			ration Range 0		0000
	Total Number above Detect	cion Limit = 3	Maximum	Detection Limit	= 1.16	
	hod : SW8240 - Volatile Org					
Analy	yte : 1,1,1-Trichloroethane	2				
ype of Bla	ank : Trip Blank					
8/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
8/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
9/15/93 	RATB-01	VOA*93157 	ND 	1.0	ug/L 	1
	Total Number of Blanks =	-		ration Range N		
	Total Number above Detect	.TON LIMIT = V	maximum	Detection Limit	= 1	
Meti	nod : SW8240 - Volatile Org	anics				
Analy	te : 1,1,2,2-Tetrachloroet	hane				
ype of Bla	ank : Ambient Blank					
8/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
0/10/33						
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable  $\star$  - Value considered suspect, refer to QC report

NA = Not Applicable B7-132

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
		•				
	ethod : SW8240 - Volati					
Ana	llyte : 1,1,2,2-Tetrack	loroethane, cont.				
Type of I	Blank : Ambient Blank					
08/25/93	AB-04	V0A*93238	ND	1.0	ug/L	1
Tot	al Number of Blanks =	4	Concent	ration Range N	<b>C</b> .	
Tot	al Number above Detect	ion Limit = 0	Maximum	Detection Limit	= 1	
Method	SW8240 - Volatile Org	anics				
	1,1,2,2-Tetrachloroet					
Type of Blank	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	2.2	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
8/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND	1.8	ug/L	1
To1	al Number of Blanks =	5	Concent	ration Range 0	.00000 - 0.0	00000
Tot	al Number above Detect	ion Limit = 3	Maximum	Detection Limit	= 2.2	
	SW8240 - Volatile Org					
ype of Blank :	Trip Blank					
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
9/15/93	RATB-01	V0A*93157	ND	1.0	ug/L	1
Tot	al Number of Blanks =	3	Concent	 ration Range N	 C	·
Tot	al Number above Detect	ion Limit = 0	Maximum	Detection Limit	= 1	
Method :	SW8240 - Volatile Org	anics				
	1,1,2-Trichloroethane					
Type of Blank :	Ambient Blank	•				
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
	AB-04	V0A*93238	ND	1.0	ug/L	1
08/25/93	AD 04				-5, -	

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = 1

NA = Not Applicable

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8240 - Volatile Organics Analyte : 1,1,2-Trichloroethane, cont.

Type of Blank: Ambient Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 1

Method : SW8240 - Volatile Organics Analyte : 1,1,2-Trichloroethane

Type of Blank: Method Blank

06/26/93	BLK931139	MS4502306260811	ND	1.2	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1.2

Method : SW8240 - Volatile Organics Analyte : 1,1,2-Trichloroethane

Type of Blank : Trip Blank

08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 1

Method : SW8240 - Volatile Organics

Analyte : 1,1-Dichloroethane

Type of Blank : Ambient Blank

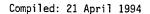
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1



ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8240 - Volatile Org	ganics				
Analyte	: 1,1-Dichloroethane					
ype of Blank	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.6	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
8/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND	1.8	ug/L	1
	al Number of Blanks =				.00000 - 0.0	00000
Tot	al Number above Detect	cion Limit = 3	Maximum	Detection Limit	= 1.81	
	: SW8240 - Volatile Org : 1,1-Dichloroethane	ganics				
Type of Blank :	Trip Blank					
08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
9/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Tot	:al Number of Blanks =	3	Concent	ration Range N	 C	
Tot	al Number above Detect	ion Limit = 0	Maximum	Detection Limit	= 1	
	SW8240 - Volatile Org	ganics				
	1,1-Dichloroethene					
Analyte :						
	Ambient Blank					
ype of Blank :		VOA*93228	ND	1.0	ug/L	1
ype of Blank : 08/18/93	AB-03	VOA*93228 VOA*93228			ug/L ug/L	1 1
ype of Blank : 8/18/93 8/18/93	AB-03 AB-01	V0A*93228	ND	1.0	ug/L	
ype of Blank : 08/18/93 08/18/93 08/18/93	AB-03					1
Type of Blank : 08/18/93 08/18/93 08/18/93 08/25/93	AB-03 AB-01 AB-02	VOA*93228 VOA*93228 VOA*93238	ND ND ND	1.0 1.0	ug/L ug/L ug/L	1
Type of Blank : 08/18/93 08/18/93 08/18/93 08/25/93 Tot	AB-03 AB-01 AB-02 AB-04	VOA*93228 VOA*93228 VOA*93238	ND ND ND Concent	1.0 1.0 1.0	ug/L ug/L ug/L C	1
Type of Blank : 08/18/93 08/18/93 08/18/93 08/25/93 Tot	AB-03 AB-01 AB-02 AB-04  al Number of Blanks = al Number above Detect	VOA*93228 VOA*93228 VOA*93238 	ND ND ND Concent	1.0 1.0 1.0 	ug/L ug/L ug/L C	1 1
ype of Blank : 18/18/93 18/18/93 18/18/93 18/25/93 Tot Method :	AB-03 AB-01 AB-02 AB-04 :al Number of Blanks =	VOA*93228 VOA*93228 VOA*93238 	ND ND ND Concent	1.0 1.0 1.0 	ug/L ug/L ug/L C	1 1
ype of Blank : 08/18/93 08/18/93 08/18/93 Tot Tot Method : Analyte :	AB-03 AB-01 AB-02 AB-04  al Number of Blanks = al Number above Detect  SW8240 - Volatile Org	VOA*93228 VOA*93228 VOA*93238 	ND ND ND Concent	1.0 1.0 1.0 	ug/L ug/L ug/L C	1 1
Type of Blank : 08/18/93 08/18/93 08/18/93 08/25/93 Tot	AB-03 AB-01 AB-02 AB-04  al Number of Blanks = al Number above Detect  SW8240 - Volatile Org	VOA*93228 VOA*93228 VOA*93238 	ND ND ND Concent	1.0 1.0 1.0 	ug/L ug/L ug/L C	1 1
98/18/93 98/18/93 98/18/93 98/25/93 Tot Tot Method: Analyte:	AB-03 AB-01 AB-02 AB-04  Tal Number of Blanks = Tal Number above Detect  SW8240 - Volatile Org	VOA*93228 VOA*93228 VOA*93238 	ND ND Concent Maximum	1.0 1.0 1.0 ration Range N	ug/L ug/L ug/L C = 1	1 1 1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable  $\star$  - Value considered suspect, refer to QC report

NA = Not Applicable

DATE	SAMPLE	ВАТСН		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8240 - Volat					
	Analyte : 1,1-Dichloroet	nene, cont.				
Туре	of Blank : Method Blank					
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.6	ug/L	1
	Total Number of Blanks = Total Number above Detec			tration Range O	.00000 - 0.0 = 1.6	00000
Type of Bla	nk : Trip Blank					
08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
)9/15/93 	RATB-01	VOA*93157	ND	1.0	ug/L	1
	Total Number of Blanks =	3	Concent	ration Range N	C	<b></b>
	T ( T N )   D		Mavimum	Detection Limit		
	Total Number above Detec	tion Limit = 0	riaxiinuii	Detection Limit	<b>=</b> 1	
			riaximui	Detection Elimit	<b>≠</b> 1	
	od : SW8240 - Volatile Or te : 1,2-Dichloroethane		PIGATINUM	Detection Limit	<b>=</b> 1	
Analy	od : SW8240 - Volatile Or		naximan	Detection Limit	= 1	
Analy	od : SW8240 - Volatile Or te : 1,2-Dichloroethane		ND ND	1.0	= 1 ug/L	. 1
Analy Type of Bla	od : SW8240 - Volatile Or te : 1,2-Dichloroethane nk : Ambient Blank	ganics				1 1

08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4 Total Number above Detection Limit = 0 Concentration Range NC Maximum Detection Limit = 1

Method : SW8240 - Volatile Organics

Analyte : 1,2-Dichloroethane

Type of Blank : Method Blank

10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
08/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
06/26/93	BLK931139	MS4502306260811	ND	1.3	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
!	Method : SW8240 - Volati	le Organics				
	nalyte : 1,2-Dichloroeth	-				

Method : SW8240 - Volatile Organics

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Analyte: 1,2-Dichloroethane

Type of Blank : Trip Blank

08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

Total Number of Blanks = 3
Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1.3

Method : SW8240 - Volatile Organics

Analyte : 1,2-Dichloropropane

Type of Blank: Ambient Blank

08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/25/93	AB-04	V0A*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1

Method : SW8240 - Volatile Organics Analyte : 1,2-Dichloropropane

Type of Blank : Method Blank

06/26/93	BLK931139	MS4502306260811	ND	0.60	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1.3

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DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	od : SW8240 - Volatile Or te : 1,2-Dichloropropane	ganics				
ype of Bla	nk : Trip Blank					
08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
9/15/93 	RATB-01	VOA*93157	ND	1.0	ug/L	1
	Total Number of Blanks =			tration Range NO	and the second second	
	Total Number above Detec	tion Limit = 0	Maximui	m Detection Limit	= 1	
Meth	od : SW8240 - Volatile Or	ganics				
	te : 2-Butanone(MEK)	9				
ype of Bla	nk : Ambient Blank					
8/18/93	AB-03	V0A*93228	ND	5.0	ug/L	1
8/18/93	AB-02	V0A*93228	ND	5.0	ug/L	1
08/18/93	AB-01	V0A*93228	ND	5.0	ug/L	1
8/25/93 	AB-04	V0A*93238 .	ND	5.0 	ug/L 	1 
	Total Number of Blanks =			tration Range NO		
	Total Number above Detec	tion Limit = 0	Maximu	m Detection Limit	= 5	
	od : SW8240 - Volatile Or	ganics				
	te : 2-Butanone(MEK)					
ype of Bla	nk : Method Blank					
6/26/93	BLK931139	MS4502306260811	ND	5.8	ug/L	1
8/16/93	METHOD	VOA*93224	0.00	5.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	5.0	ug/L	1
8/25/93	METHOD	VOA*93238	0.00	5.0	ug/L	1
0/04/93 	BLK932969	MSMSDA310041045	ND	0.87	ug/L 	1
	Total Number of Blanks =			tration Range 0.		00000
	Total Number above Detec	tion Limit = 3	Maximu	n Detection Limit	= 5.8	

Analyte : 2-Butanone(MEK)

Type of Blank : Trip Blank

08/16/93	TB-01-02	V0A*93224	16.0	5.0	ug/L	1
08/25/93	TB-04-02	V0A*93238	· ND	5.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	5.0	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8240 - Volati					
	Analyte : 2-Butanone(MEK)	, cont.				
Туре	of Blank : Trip Blank					
	Total Number of Blanks =		Concent	ration Range 1	.6.0 - 16.	.0
	Total Number above Detect	ion Limit = 1	Maximum	Detection Limit	. = 5	
	hod : SW8240 - Volatile Org				·	
Anal	yte : 2-Chloroethyl vinyl e	ther				
ype of Bl	ank : Ambient Blank					
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
8/25/93	AB-04	VOA*93238	ND	1.0	ug/L 	1 
	Total Number of Blanks =			ration Range		
	Total Number above Detect	ion Limit = 0	Maximum	Detection Limit	. = 1	
		•				
	hod : SW8240 - Volatile Org					
Anaı	yte : 2-Chloroethyl vinyl e	iner				
	ank : Method Blank					
ype of Bl						
	BLK931139	MS4502306260811	ND	8.1	ug/L	1
06/26/93		MS4502306260811 VOA*93224	ND 0.00	1.0	ug/L	1
06/26/93 08/16/93	BLK931139	VOA*93224 VOA*93228	0.00 0.00	1.0 1.0	ug/L ug/L	1 1
06/26/93 08/16/93 08/18/93 08/25/93	BLK931139 METHOD METHOD METHOD	VOA*93224 VOA*93228 VOA*93238	0.00 0.00 0.00	1.0 1.0 1.0	ug/L ug/L ug/L	1 1 1
06/26/93 08/16/93 08/18/93 08/25/93	BLK931139 METHOD METHOD METHOD BLK932969	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045	0.00 0.00 0.00 ND	1.0 1.0	ug/L ug/L ug/L ug/L	1 1
06/26/93 08/16/93 08/18/93 08/25/93	BLK931139 METHOD METHOD METHOD BLK932969  Total Number of Blanks =	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045	0.00 0.00 0.00 ND Concent	1.0 1.0 1.0 2.3 	ug/L ug/L ug/L ug/L 	1 1 1
Type of B1 06/26/93 08/16/93 08/18/93 08/25/93 10/04/93	BLK931139 METHOD METHOD METHOD BLK932969	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045	0.00 0.00 0.00 ND Concent	1.0 1.0 1.0 2.3	ug/L ug/L ug/L ug/L 	1 1 1
06/26/93 08/16/93 08/18/93 08/25/93 10/04/93	BLK931139 METHOD METHOD METHOD BLK932969  Total Number of Blanks =	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045 5 Sion Limit = 3	0.00 0.00 0.00 ND Concent	1.0 1.0 1.0 2.3 	ug/L ug/L ug/L ug/L 	1 1 1
06/26/93 08/16/93 08/18/93 08/25/93 10/04/93	BLK931139 METHOD METHOD METHOD BLK932969  Total Number of Blanks = Total Number above Detect	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045 	0.00 0.00 0.00 ND Concent	1.0 1.0 1.0 2.3 	ug/L ug/L ug/L ug/L 	1 1 1
06/26/93 08/16/93 08/18/93 08/25/93 10/04/93  Met Anal	BLK931139 METHOD METHOD METHOD BLK932969  Total Number of Blanks = Total Number above Detect	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045 	0.00 0.00 0.00 ND Concent	1.0 1.0 1.0 2.3 	ug/L ug/L ug/L ug/L 	1 1 1
06/26/93 08/16/93 08/18/93 08/25/93 10/04/93  Met Anal	BLK931139 METHOD METHOD METHOD BLK932969  Total Number of Blanks = Total Number above Detect hod : SW8240 - Volatile Orgyte : 2-Chloroethyl vinyl o	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045 	0.00 0.00 0.00 ND Concent	1.0 1.0 1.0 2.3 	ug/L ug/L ug/L ug/L 	1 1 1
06/26/93 08/16/93 08/18/93 08/25/93 10/04/93 	BLK931139 METHOD METHOD METHOD BLK932969  Total Number of Blanks = Total Number above Detect hod : SW8240 - Volatile Orgyte : 2-Chloroethyl vinyl o	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045 	0.00 0.00 0.00 ND  Concent Maximum	1.0 1.0 2.3 ration Range (	ug/L ug/L ug/L ug/L 0.00000 - 0.0 = 8.1	1 1 1 1 200000
Met Anal 08/16/93 08/18/93 08/25/93 0/04/93 08/16/93 08/16/93	BLK931139 METHOD METHOD METHOD BLK932969  Total Number of Blanks = Total Number above Detect hod : SW8240 - Volatile Orgyte : 2-Chloroethyl vinyl o	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045 	0.00 0.00 0.00 ND Concent Maximum	1.0 1.0 2.3 ration Range ( Detection Limit	ug/L ug/L ug/L ug/L 0.00000 - 0.0 c = 8.1	1 1 1 1 200000
06/26/93 08/16/93 08/18/93 08/25/93 10/04/93 Met Anal	BLK931139 METHOD METHOD BLK932969  Total Number of Blanks = Total Number above Detect  hod : SW8240 - Volatile Orgyte : 2-Chloroethyl vinyl of ank : Trip Blank  TB-01-02 TB-04-02	VOA*93224 VOA*93228 VOA*93238 MSMSDA310041045 5 cion Limit = 3 ganics ether VOA*93224 VOA*93238 VOA*93157	0.00 0.00 ND Concent Maximum	1.0 1.0 2.3 	ug/L ug/L ug/L ug/L 0.00000 - 0.0 = 8.1 ug/L ug/L ug/L	1 1 1 1 200000

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

TABLE B-7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8240 - Volatile Organics

Analyte: 2-Chloroethyl vinyl ether, cont.

Type of Blank : Trip Blank

Method: SW8240 - Volatile Organics

Analyte : 2-Hexanone

Type of Blank: Ambient Blank

08/18/93	AB-02	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	5.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	5.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 5

Method : SW8240 - Volatile Organics

Analyte : 2-Hexanone

Type of Blank: Method Blank

06/26/93	BLK931139	MS4502306260811	ND	4.5	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	5.0	ug/L	1
08/18/93	METHOD	V0A*93228	0.00	5.0	ug/L	1
08/25/93	METHOD	VOA*93238	0.00	5.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.6	ug/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 ~ 0.00000

Maximum Detection Limit = 5

Method: SW8240 - Volatile Organics

Analyte : 2-Hexanone

Type of Blank : Trip Blank

08/16/93	TB-01-02	VOA*93224	ND	5.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	5.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	5.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 5

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable

	TABLE B-7 DET.	AILED LISTING OF LIQUID B	TAIKS RESOLIS	W// E// O/// EEO G		<del></del>
DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	SW8240 - Volatile Or 4-Methyl-2-pentanone					
ype of Blank :	Ambient Blank					
08/18/93	AB-03	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	5.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	5.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	5.0	ug/L	1
Tot	al Number of Blanks =	4	Concent	ration Range N	2	
Tot	al Number above Detec	tion Limit = 0	Maximum	n Detection Limit	= 5	
	SW8240 - Volatile Or 4-Methyl-2-pentanone Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	2.3	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	5.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	5.0	ug/L	1
08/25/93	METHOD	VOA*93238	0.00	5.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND	1.0	ug/L	1
Tot	al Number of Blanks =	5	Concent	tration Range 0	.00000 - 0.0	00000
Total Number above Detection Limit = 3		Maximum	n Detection Limit	= 5		
	SW8240 - Volatile Or 4-Methyl-2-pentanone					
Type of Blank :	Trip Blank					
		V04*02004	ND	r o .		1
08/16/93	TB-01-02	VOA*93224	ND	5.0	ug/L	1

08/16/93	TB-01-02	VOA*93224	ND	5.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	5.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	5.0	ug/L	1

Total Number of Blanks = 3
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 5

NA = Not Applicable

Method : SW8240 - Volatile Organics

Analyte : Acetone

Type of Blank : Ambient Blank

08/18/93	AB-02	VOA*93228	43.0		20.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND		20.0	ug/L	1
08/18/93	AB-03	VOA*93228	13.0	(J)	20.0	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION	7.7.2.7.	DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Wa	thad CUCCAO Walate	ile Ogganica				
	thod : SW8240 - Volat lyte : Acetone, cont.	rre organics				
Type of B	lank : Ambient Blank					
8/25/93 	AB-04	VOA*93238	ND	20.0	ug/L	1
	al Number of Blanks = al Number above Detect		Concent	tration Range 4 n Detection Limit	3.0 - 43.0	
Method : Analyte :	SW8240 - Volatile Org Acetone	ganics				
ype of Blank :	Method Blank			·		
6/26/93	BLK931139	MS4502306260811	ND	29.0	ug/L	1
8/16/93	METHOD	VOA*93224	0.00	20.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	20.0	ug/L	1
8/25/93	METHOD	VOA*93238	0.88	20.0	ug/L	1
0/04/93 	BLK932969	MSMSDA310041045	ND	15.5	ug/L	1
	al Number of Blanks =	'		ration Range 0		3
Tota	al Number above Detect	cion Limit = 3	Maximun	n Detection Limit	= 29	
Method : Analyte :	SW8240 - Volatile Org	ganics				
ype of Blank :	Trip Blank					
8/16/93	TB-01-02	V0A*93224	37.0	20.0	ug/L	1
8/25/93	TB-04-02	· V0A*93238	7.6 (J	1) 20.0	ug/L	1
)/15/93	RATB-01	VOA*93157	ND	20.0	ug/L	1
	al Number of Blanks =			ration Range 3		)
Tota	al Number above Detect	ion Limit = 1	Maximun	Detection Limit	= 20	
Method : Analyte :	SW8240 - Volatile Org Benzene	ganics				
pe of Blank :	Ambient Blank					
0/19/02	AD . 02	V04*02220	ND			

08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4 Concentration Range

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

NC

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	thod : SW8240 - Volat lyte : Benzene, cont.	ile Organics				
Type of B	lank : Ambient Blank					
	al Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 1	
	a, name, and a					
Method : Analyte :	SW8240 - Volatile Or Benzene	ganics				
ype of Blank :	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
8/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
8/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND	1.2	ug/L	1
	al Number of Blanks = al Number above Detec			ration Range 0 Detection Limit		00000
Method : Analyte :	SW8240 - Volatile Or Benzene	ganics				
ype of Blank :				,		
	TB-01-02	V0A*93224	ND	1.0	ug/L	1
8/16/93 8/25/93	TB-01-02	VOA*93238	ND	1.0	ug/L	1
9/15/93	RATB-01	V0A*93157	ND	1.0	ug/L	1
Tot	al Number of Blanks =	3		ration Range N		
Tot	al Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 1	
Method :	SW8240 - Volatile Or	ganics				
	Bromodichloromethane	<b>y</b>				
ype of Blank :	Ambient Blank					
8/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
8/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
8/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
30/15/00	AD 04	V04*03230	ND	1 0	ug/l	1

Total Number of Blanks = 4
Total Number above Detection Limit = 0

AB-04

Concentration Range NC

Maximum Detection Limit = 1

Compiled: 21 April 1994

08/25/93

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-143

V0A*93238

DATE	SAMPLE	BATCH	DE01:: *	DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8240 - Volatile Or : Bromodichloromethane					
Type of Blank	: Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93 	BLK932969	MSMSDA310041045	ND	2.6	ug/L	1
	tal Number of Blanks = tal Number above Detec			ration Range 0	.00000 - 0.0	0000
10	in i	CTON ETHATE - 3	riax (iliulii	Detection Limit	- 2.01	
Method	: SW8240 - Volatile Or	ganics				
Analyte	: Bromodichloromethane					
Type of Blank	: Trip Blank					
08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
09/15/93 	RATB-01	V0A*93157 	ND 	1.0	ug/L 	1 
	tal Number of Blanks = tal Number above Detec			ration Range N Detection Limit		
,,	ter number above beset	CION LIMIT - U	PIGA FIRGIII	Detection Fillit	- 1	
Method	: SW8240 - Volatile Or	ganics				
Analyte	: Bromomethane					
Type of Blank	: Ambient Blank					
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/25/93 	AB-04 	<b>VO</b> A*93238 	ND 	1.0	ug/L 	1 
	tal Number of Blanks =			ration Range NO		
fo	tal Number above Detect	tion Limit = 0	Maximum	Detection Limit	= 1	
Method	: SW8240 - Volatile Org	ganics	,			
	: Bromomethane	•				
	M 41 1 D7 1					
ype of Blank	: Method Blank					
ype of Blank 06/26/93	BLK931139	MS4502306260811	ND	3.1	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable  $\star$  - Value considered suspect, refer to QC report

VOA*93228

0.00

1.0

ug/L

NA = Not Applicable

-- METHOD

08/18/93

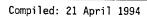
DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
					011113	
	Method : SW8240 - Volati	le Organics				
	Analyte : Bromomethane, o	cont.				
Туре	of Blank : Method Blank					
/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
/04/93 	BLK932969	MSMSDA310041045	ND	1.5	ug/L 	1
	Total Number of Blanks = Total Number above Detect			ration Range 0. Detection Limit		)0000
	hod : SW8240 - Volatile Org yte : Bromomethane	anics				
pe of Bl	ank : Trip Blank					
3/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
3/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
/15/93	RATB-01	VOA*93157	ND 	1.0	ug/L 	1
	Total Number of Blanks =	•	Concent	ration Range NO	;	
	Total Number above Detect	ion Limit = 0	Maximum	Detection Limit	= 1	
	hod : SW8240 - Volatile Org yte : Carbon disulfide	anics				
pe of Bl	ank : Ambient Blank					
3/18/93	AB-03	V0A*93228	ND	2.0	ug/L	1
• •	AB-02	VOA*93228	ND	2.0	ug/L	1
/18/93 /18/93	AB-02 AB-01	VOA*93228 VOA*93228	ND ND	2.0 2.0	ug/L ug/L	1 1
/18/93 /18/93	AB-02	VOA*93228	ND	2.0	ug/L	1
3/18/93 3/18/93	AB-02 AB-01	VOA*93228 VOA*93228 VOA*93238	ND ND ND	2.0 2.0	ug/L ug/L ug/L	1 1
3/18/93 3/18/93	AB-02 AB-01 AB-04	VOA*93228 VOA*93228 VOA*93238 4	ND ND ND Concent	2.0 2.0 2.0	ug/L ug/L ug/L	1 1
3/18/93 3/18/93 3/25/93	AB-02 AB-01 AB-04  Total Number of Blanks = Total Number above Detect	VOA*93228 VOA*93228 VOA*93238 4 ion Limit = 0	ND ND ND Concent	2.0 2.0 2.0 	ug/L ug/L ug/L	1 1
8/18/93 8/18/93 8/25/93 	AB-02 AB-01 AB-04 Total Number of Blanks =	VOA*93228 VOA*93228 VOA*93238 4 ion Limit = 0	ND ND ND Concent	2.0 2.0 2.0 	ug/L ug/L ug/L	1 1
8/18/93 8/18/93 8/25/93  Met Anal	AB-02 AB-01 AB-04  Total Number of Blanks = Total Number above Detect	VOA*93228 VOA*93228 VOA*93238 4 ion Limit = 0	ND ND ND Concent	2.0 2.0 2.0 	ug/L ug/L ug/L	1 1
Met Anal	AB-02 AB-01 AB-04  Total Number of Blanks = Total Number above Detect  hod : SW8240 - Volatile Org	VOA*93228 VOA*93228 VOA*93238 4 ion Limit = 0	ND ND ND Concent	2.0 2.0 2.0 	ug/L ug/L ug/L	1 1
Met Anal  26/26/93 3/16/93	AB-02 AB-01 AB-04  Total Number of Blanks = Total Number above Detect  hod : SW8240 - Volatile Org yte : Carbon disulfide  ank : Method Blank	VOA*93228 VOA*93228 VOA*93238 	ND ND Concent Maximum ND 0.00	2.0 2.0 2.0 	ug/L ug/L ug/L = 2	1 1 1
Met Anal  56/26/93 8/18/93 8/16/93 8/18/93	AB-02 AB-01 AB-04  Total Number of Blanks = Total Number above Detect  hod : SW8240 - Volatile Org yte : Carbon disulfide  ank : Method Blank  BLK931139 METHOD METHOD	VOA*93228 VOA*93228 VOA*93238 	ND ND Concent Maximum  ND 0.00	2.0 2.0 2.0 	ug/L ug/L ug/L = 2	1 1 1
Anal	AB-02 AB-01 AB-04  Total Number of Blanks = Total Number above Detect  hod : SW8240 - Volatile Org yte : Carbon disulfide  ank : Method Blank  BLK931139 METHOD	VOA*93228 VOA*93228 VOA*93238 	ND ND Concent Maximum ND 0.00	2.0 2.0 2.0 ration Range NC Detection Limit  4.3 2.0	ug/L ug/L ug/L = 2	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	Method : SW8240 - Volat nalyte : Carbon disulfi					
Type of	Blank : Method Blank					
	otal Number of Blanks = otal Number above Detec	-		tration Range O n Detection Limit	.00000 - 0.0 = 4.3	00000
	: SW8240 - Volatile Or : Carbon disulfide	ganics				
Type of Blank	: Trip Blank					
08/16/93	TB-01-02	V0A*93224	ND	2.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	2.0	ug/L	1
9/15/93	RATB-01	VOA*93157	ND	2.0	ug/L	1
	tal Number of Blanks = tal Number above Detec			ration Range No		
	: SW8240 - Volatile Or : Carbon tetrachloride	ganics				
ype of Blank	: Ambient Blank					
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
8/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
8/25/93 	AB-04	VOA*93238	ND	1.0	ug/L	1
	tal Number of Blanks =	·	Concent	ration Range N(	,	
То	tal Number above Detect	tion Limit = 0	Maximum	Detection Limit	= 1	
Method	: SW8240 - Volatile Org	anico				
	: Carbon tetrachloride	guii 100				
ype of Blank	: Method Blank					
6/26/93	BLK931139	MS4502306260811	ND	1.8	ug/L	1
8/16/93	METHOD	V0A*93224	0.00	1.0	ug/L ug/L	1
8/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
08/25/93 10/04/93	METHOD BLK932969	VOA*93238 MSMSDA310041045	0.00 ND	1.0	ug/L	1

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1.8



DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	SW8240 - Volatile Or Carbon tetrachloride					
ype of Blank :						
8/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
8/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
Tota	al Number of Blanks =	3	Concent	tration Range N	 C ,	
Tota	al Number above Detec	tion Limit = 0	Maximum	n Detection Limit	= 1	
Method :	SW8240 - Volatile Or	ganics				
	Chlorobenzene	<b>3</b> 400				
ype of Blank :	Ambient Blank					
8/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
3/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
3/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
3/25/93	AB-04	VOA*93238	ND	1.0	ug/L 	1
	al Number of Blanks =		Concent	tration Range N		
Tota	al Number above Detec	tion Limit = 0	Maximun	n Detection Limit	= 1	
	SW8240 - Volatile Or	ganics				
Analyte :	Chlorobenzene					
ype of Blank :	Method Blank					
6/26/93	BLK931139	MS4502306260811	ND	1.1	ug/L	1
3/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
3/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
3/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
)/04/93 	BLK932969	MSMSDA310041045	ND 	1.2	ug/L 	1
	al Number of Blanks =			tration Range 0		00000
Tota	al Number above Detec	tion Limit = 3	Maximum	n Detection Limit	= 1.15	
	SW8240 - Volatile Or	ganics				
Method ·	Chlorobenzene	Jun. 30				
					•	
Analyte :	Trip Blank					
Analyte : ype of Blank :	Trip Blank	V0A*93224	ND	1.0	ug/L	1
		VOA*93224 VOA*93238	ND ND	1.0	ug/L ug/L	1 1

TABLE	B-7
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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8240 - Volatile Organics Analyte : Chlorobenzene, cont.

Type of Blank : Trip Blank

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics

Analyte : Chloroethane

Type of Blank: Ambient Blank

08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

Method : SW8240 - Volatile Organics

Analyte : Chloroethane

Type of Blank: Method Blank

06/26/93	BLK931139	MS4502306260811	ND	1.4	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.7	ug/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1.65

Method: SW8240 - Volatile Organics

Analyte : Chloroethane

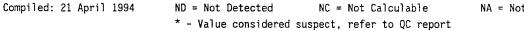
Type of Blank : Trip Blank

08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1



DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	w					
	Method : SW8240 - Volati					
Ar	alyte : Chloroethane, c	ont.				
Type of	Blank : Trip Blank					
Method	: SW8240 - Volatile Org	anics				
Analyte	: Chloroform					
ype of Blank	: Ambient Blank					
8/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
8/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
8/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
8/25/93	AB-04	VOA*93238	1.2	1.0	ug/L	1
	otal Number of Blanks =			tration Range 1		2
To	otal Number above Detect	ion Limit = 1	Maximum	n Detection Limit	= 1	
	•		* *			
	: SW8240 - Volatile Org : Chloroform	anics				
ype of Blank	: Method Blank					
6/26/93	BLK931139	MS4502306260811	ND	1.0	ug/L	1
8/16/93	METHOD	· VOA*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
8/25/93	METHOD	VOA*93238	0.00	1.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND	1.5	ug/L	1
To	otal Number of Blanks =	5	Concent	tration Range 0	.00000 - 0.0	00000
To	otal Number above Detect	ion Limit = 3	Maximum	m Detection Limit	= 1.53	
	: SW8240 - Volatile Org : Chloroform	anics				
ype of Blank	: Trip Blank					
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
10, 10, 33	TB-04-02	VOA*93238	ND	1.0	ug/L	1
08/25/93						

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

09/15/93

ug/L

1

VOA*93157

Αl		

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	SW8240 - Volatile Org	ganics				
Type of Blank :						
08/18/93	AB-02	<b>V</b> 0A*93228	ND	1.0	ug/L	1
08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/25/93	AB-04	V0A*93238	ND	1.0	ug/L	1
Tot	al Number of Blanks =	4		tration Range N		
Tot	Total Number above Detection Limit = 0		Maximur	m Detection Limit	= 1	
Method :	SW8240 - Volatile Or	ganics				
	Chloromethane	ga				
Type of Blank :	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.9	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.0	ug/L 	1 
	al Number of Blanks =			tration Range 0 m Detection Limit	.00000 - 0.0	00000
IOT	al Number above Detec	tion Limit = 3	maximu	n Detection Cimit	- 1.5	
	SW8240 - Volatile Or	ganics				
Analyte :	Chloromethane					
Type of Blank :	Trip Blank					
08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93 	RATB-01	<b>V</b> 0A*93157	ND	1.0	ug/L	1
	al Number of Blanks =			tration Range N		
IOT	al Number above Detec	tion Limit = 0	maximur	n Detection Limit	= 1	
Method :	SW8240 - Volatile Or	ganics				
	Dibromochloromethane					
ype of Blank :	Ambient Blank					
8/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
•	**	W0A#02000	ND.		/1	

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

VOA*93228

08/18/93

AB-02

NA = Not Applicable

ug/L

1.0

B7-150

ND

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8240 - Volati					
	Analyte : Dibromochlorome	ethane, cont.				
Туре	of Blank : Ambient Blank					
8/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1
	Total Number of Blanks =			tration Range N		
	Total Number above Detect	cion Limit = 0	Maximur	n Detection Limit	: = 1	
Metl	hod : SW8240 - Volatile Org	ganics				
Anal	yte : Dibromochloromethane					
ype of Bl	ank : Method Blank		,			
06/26/93	BLK931139	MS4502306260811	ND	0.90	ug/L	1 .
8/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
18/25/93	METHOD	VOA*93238	0.00	1.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND	1.6	ug/L	1
	Total Number of Blanks =			tration Range ( n Detection Limit		00000
	Total Number above Detect	tion Limit = 3	maximur	n Detection Limit	1.0	
	hod : SW8240 - Volatile Org	ganics				
Anal	yte : Dibromochloromethane					
ype of Bl	ank : Trip Blank					
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	V0A*93157	ND	1.0	ug/L	1
	Total Number of Blanks =	3	Concen	tration Range		
	Total Number above Detec	tion Limit = 0	Maximu	m Detection Limit	. = 1	
Met	hod : SW8240 - Volatile Or	ganics				
Anal	yte : Ethylbenzene					
Type of Bl	ank : Ambient Blank					
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
		VOA*93238	ND	1.0	ug/L	1
08/25/93	AB-04	VOA 53236	HD.	1.0		

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

* ~ Value considered suspect, refer to QC report

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8240 - Volatile Organics

Analyte: Ethylbenzene, cont.

Type of Blank: Ambient Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics

Analyte : Ethylbenzene

Type of Blank: Method Blank

06/26/93	BLK931139	MS4502306260811	ND	0.80	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.5	ug/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1.45

Method : SW8240 - Volatile Organics

Analyte : Ethylbenzene

Type of Blank: Trip Blank

08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	V0A*93157	ND	1.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics

Analyte : Methylene chloride

Type of Blank: Ambient Blank

08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
08/25/93	AB-04	V0A*93238	2.9	1.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 1

Concentration Range 2.9 - 2.9

Maximum Detection Limit = 1



DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
				******		
	SW8240 - Volatile Or Methylene chloride	ganics		•		
ype of Blank :	•					
06/26/93	BLK931139	MS4502306260811	ND	4.8	ug/L	1
8/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
8/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND	1.7	ug/L	1
	al Number of Blanks = al Number above Detec			tration Range O m Detection Limit		00000
101	at Muiner above betec	CION LIMIT - 3	100.7.1100			
	SW8240 - Volatile Or Methylene chloride	ganics				
Type of Blank :	Trip Blank					
	TB-01-02	V0A*93224	ND	1.0	ug/L	1
8/16/93	10-01-05					
08/16/93 08/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics

Analyte : Styrene

Type of Blank: Ambient Blank

08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	. 1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics

Analyte : Styrene

Type of Blank : Method Blank

06/26/93	BLK931139	MS4502306260811	ND	0.70	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

NA = Not Applicable

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID .	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8240 - Volat Analyte : Styrene, cont.	ile Organics				
Туре	of Blank : Method Blank					
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93 	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1
	Total Number of Blanks = Total Number above Detec	-		ration Range ( Detection Limit		0000
	roda Hamber above perec	eron Emile - 5	riax migni	Detection Limit	1.25	
Met	hod : SW8240 - Volatile Org	ganics				
Anal	yte : Styrene					
Type of Bl	ank : Trip Blank					
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	V0A*93238	ND	1.0	ug/L	1
9/15/93 	RATB-01	VOA*93157 	ND	1.0	ug/L 	1
	Total Number of Blanks =			ration Range N		•
	Total Number above Detect	ion Limit = 0	Maximum	Detection Limit	= 1	
	hod : SW8240 - Volatile Org	yanics				
Anal	yte : Tetrachloroethene					
ype of Bl	ank : Ambient Blank					
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
	AB-01	V0A*93228	ND	1.0	ug/L	1
08/18/93			410	1.0	ug/L	1
08/18/93 08/18/93	AB-02	VOA*93228	ND			
08/18/93 08/18/93	AB-02 AB-04	`V0A*93228 V0A*93238	ND .	1.0	ug/L 	1
08/18/93 08/18/93	AB-04 Total Number of Blanks =	VOA*93238 4	ND  Concentr	1.0  ation Range N	ug/L  C	1
08/18/93 08/18/93 08/18/93 08/25/93	AB-04	VOA*93238 4	ND  Concentr	1.0	ug/L  C	1
08/18/93 08/18/93 08/25/93	AB-04  Total Number of Blanks =  Total Number above Detect	VOA*93238 4 ion Limit = 0	ND  Concentr	1.0  ation Range N	ug/L  C	1
08/18/93 08/18/93 08/25/93 	AB-04 Total Number of Blanks =	VOA*93238 4 ion Limit = 0	ND  Concentr	1.0  ation Range N	ug/L  C	1
08/18/93 08/18/93 08/25/93  Meti	AB-04  Total Number of Blanks =  Total Number above Detect  nod : SW8240 - Volatile Org	VOA*93238 4 ion Limit = 0	ND  Concentr	1.0  ation Range N	ug/L  C	1
08/18/93 08/18/93 08/25/93  Meti	AB-04  Total Number of Blanks = Total Number above Detect  nod : SW8240 - Volatile Org yte : Tetrachloroethene	VOA*93238 4 ion Limit = 0	ND  Concentr	1.0 ration Range Nonetection Limit	ug/L  C = 1	
08/18/93 08/18/93 08/25/93  Meti Analy	AB-04  Total Number of Blanks = Total Number above Detect  nod : SW8240 - Volatile Org yte : Tetrachloroethene  ank : Method Blank	V0A*93238 4 ion Limit = 0 anics	ND Concentr Maximum	1.0  ation Range N	ug/L C = 1	1 1 1
08/18/93 08/18/93 08/25/93 Meti Analy	AB-04  Total Number of Blanks = Total Number above Detect  nod : SW8240 - Volatile Org yte : Tetrachloroethene  ank : Method Blank  BLK931139	VOA*932384 ion Limit = 0 anics MS4502306260811	ND Concentr Maximum	1.0 ration Range Ni Detection Limit	ug/L  = 1  ug/L  ug/L	1
Metl Analy 18/25/93 	AB-04  Total Number of Blanks = Total Number above Detect  nod : SW8240 - Volatile Org yte : Tetrachloroethene  ank : Method Blank  BLK931139 METHOD	VOA*93238	ND Concentr Maximum  ND 0.00	1.0 Pation Range Note that the second	ug/L C = 1	1 1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8240 - Volatile Organics Analyte: Tetrachloroethene, cont.

Type of Blank : Method Blank

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1.84

Method : SW8240 - Volatile Organics

Analyte : Tetrachloroethene

Type of Blank : Trip Blank

08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics

Analyte : Toluene

Type of Blank: Ambient Blank

08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	0.19 (	(J) 1.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics

Analyte : Toluene

Type of Blank: Method Blank

06/26/93	BLK931139	MS4502306260811	- ND	0.90	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	VOA*93238	0.23	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	2.8	ug/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.23

Maximum Detection Limit = 2.84

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
Method : Analyte :	: SW8240 - Volatile Or	ganics				
Type of Blank :	: ITIP BIANK					
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	0.23	(J) 1.0	ug/L	1
9/15/93 	RATB-01	VOA*93157	ND 	1.0	ug/L 	1
	cal Number of Blanks =			•	NC	
Tot	al Number above Detec	tion Limit = 0	Maxi	mum Detection Limi	t = 1	
	: SW8240 - Volatile Or : Tribromomethane(Brom					
-						
ype of Blank :	Ambient Blank					
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-02	V0A*93228	ND	1.0	ug/L	1
)8/25/93 	AB-04	V0A*93238	ND	1.0	ug/L 	1
	al Number of Blanks =			•	NC	
Tot	al Number above Detec	tion Limit = 0	Maxi	mum Detection Limi	t = 1	
Method :	: SW8240 - Volatile Or	ganics				
	Tribromomethane(Brom					
ype of Blank :	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.2	ug/L	1
8/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	VOA*93238	0.00	1.0	ug/L	1 .
10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1
	al Number of Blanks =		Cond	entration Range	0.00000 - 0.0	00000
Tot	al Number above Detec	tion Limit = 3	Maxi	mum Detection Limit	t = 1.29	
	SW8240 - Volatile Or					
Analyte :	Tribromomethane(Brom	otorm)				
ype of Blank :	Trip Blank					
	· r · - · - · · · · ·					

08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH	DECTH T	DETECTION	HALTE	DILUTION FACTOR
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	
	Makkada CUCCAO Valati	la Organica				
	Method : SW8240 - Volati Analyte : Tribromomethane					
Type o	of Blank : Trip Blank			-		
	Total Number of Blanks =			ration Range N		
	Total Number above Detect •	tion Limit = 0	maximun	Detection Limit	- 1	
	od : SW8240 - Volatile Org te : Trichloroethene	anics				
ype of Blar	nk : Ambient Blank					
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
8/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
8/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
8/25/93	AB-04	V0A*93238	ND	1.0	ug/L	1
	Total Number of Blanks = Total Number above Detect			ration Range N Detection Limit		
Metho	od : SW8240 - Volatile Org	nanics				•
	te : Trichloroethene					
ype of Blan	nk : Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.2	ug/L	1
8/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
8/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
8/25/93	METHOD	VOA*93238	0.00	1.0	ug/L	1
0/04/93	BLK932969	MSMSDA310041045	ND 	1.2	ug/L	1 
	Total Number of Blanks =	5	Concent	ration Range 0	.00000 - 0.0	00000
	Total Number above Detect	ion Limit = 3	Maximun	Detection Limit	= 1.2	
	od : SW8240 - Volatile Org	ganics				
	te : Trichloroethene					
ype of Blan	nk : Trip Blank			,		
	TB-01-02	V0A*93224	ND	1.0	_	1
	TB-04-02	VOA*93238	ND	1.0	ug/L	1
08/25/93						•
08/25/93 09/15/93	RATB-01	V0A*93157	ND 	1.0	ug/L 	1 
08/16/93 08/25/93 09/15/93	RATB-01	VOA*93157	Concent	1.0  ration Range N Detection Limit		1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

TABLE B-7

## DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8240 - Volatile Organics Analyte : Trichloroethene, cont.

Type of Blank: Trip Blank

Method: SW8240 - Volatile Organics

Analyte : Vinyl acetate

Type of Blank: Ambient Blank

08/18/93	AB-02	VOA*93228	ND	10.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	10.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	10.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	10.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 10

Method: SW8240 - Volatile Organics

Analyte : Vinyl acetate

Type of Blank: Method Blank

06/26/93	BLK931139	MS4502306260811	ND	3.2	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	10.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	10.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	10.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.1	ug/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 10

Method: SW8240 - Volatile Organics

Analyte : Vinyl acetate

Type of Blank : Trip Blank

08/16/93	TB-01-02	VOA*93224	ND	10.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	10.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND -	10.0	ug/L	1

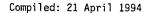
* - Value considered suspect, refer to QC report

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 10



DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Mothod .	SW8240 - Volatile Org	vanice			•	
	Vinyl chloride	, a				
ype of Blank :	Ambient Blank					
08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
18/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/25/93 	AB-04	VOA*93238	ND 	1.0	ug/L 	1
	1 Number of Blanks =			ration Range M		
Tota	1 Number above Detect	tion Limit = 0	Maximum	n Detection Limit	: = 1	
Method :	SW8240 - Volatile Org	ganics				
Analyte :	Vinyl chloride					
Type of Blank :	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.5	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	VOA*93238	0.00	1.0	ug/L	1
10/04/93 	BLK932969	MSMSDA310041045	ND 	1.1	ug/L 	1
	Number of Blanks =			ration Range C		00000
101a	l Number above Detect	tion Limit = 3	Maximum	Detection Limit	1.3	,
Method :	SW8240 - Volatile Org	ganics				
Analyte :	Vinyl chloride					
Type of Blank :	Trip Blank			e.		
08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
,	1 Number of Blanks =			ration Range N		
Tota	1 Number above Detect	tion Limit = U	maximum	n Detection Limit	. = 1	
	SW8240 - Volatile Org Xylene (total)	ganics				
Type of Blank :	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.5	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

* - Value considered suspect, refer to QC report

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NA = Not Applicable

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method: SW8240 - Volatile Organics Analyte : Xylene (total), cont.

Type of Blank : Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 1.5

Method: SW8240 - Volatile Organics Analyte : cis-1,2-Dichloroethene

Type of Blank : Ambient Blank

08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/25/93	AB-04	V0A*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4 Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

Method : SW8240 - Volatile Organics Analyte : cis-1,2-Dichloroethene

Type of Blank: Method Blank

08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics Analyte : cis-1,2-Dichloroethene

Type of Blank : Trip Blank

08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

RI		

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION
	d : SW8240 - Volatile Or e : cis-1,3-Dichloroprop					
		ene				
ype of Blan	k : Ambient Blank					_
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
8/25/93 	AB-04	VOA*93238 	ND 	1.0	ug/L 	1
	Total Number of Blanks =			tration Range No n Detection Limit		
	Total Number above Detec	tion Limit = 0	Maximum	Detection Limit	- 1	
Metho	d : SW8240 - Volatile Org	ganics				
	e : cis-1,3-Dichloroprop					
ype of Blan	k : Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	0.40	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	V0A*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
.0/04/93	BLK932969	MSMSDA310041045	ND 	1.2	ug/L 	1
	Total Number of Blanks =			cration Range 0 n Detection Limit		00000
	Total Number above Detec	tion Limit = 3	Maxilliuli	Detection Limit	- 1.21	
	d : SW8240 - Volatile Org e : cis-1,3-Dichloroprop					
Type of Blam	k : Trip Blank					
08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
9/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1
	Total Number of Blanks =			ration Range N		
	Total Number above Detec	tion Limit = 0	Maximun	n Detection Limit	= 1	
Metho	d : SW8240 - Volatile Org	ganics	,			
Analyt	e : m & p-Xylene					
ype of Blan	k : Ambient Blank					
				2.0		1
08/18/93	AB-01	VOA*93228	ND	3.0	ug/L	1
08/18/93 08/18/93	AB-01 AB-03	VOA*93228 VOA*93228	ND ND	3.0	ug/L ug/L	1

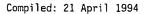
Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable

* - Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	thod : SW8240 - Volat lyte : m & p-Xylene,					
Type of B	lank : Ambient Blank					
08/25/93	AB-04	VOA*93238	ND	3.0	ug/L	1
	al Number of Blanks = al Number above Detec			ration Range NO		
	SW8240 - Volatile Org	ganics				
Type of Blank :	Method Blank					
08/16/93	METHOD	VOA*93224	0.00	3.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	3.0	ug/L	1
08/25/93	METHOD	VOA*93238	0.00	3.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	2.6	ug/L	1
	al Number of Blanks = al Number above Detec			ration Range 0. Detection Limit		00000
	SW8240 - Volatile Org	ganics				
Type of Blank :	Trip Blank					
08/16/93	TB-01-02	VOA*93224	ND	3.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	3.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	3.0	ug/L	1
Tota	al Number of Blanks =	3	Concent	ration Range NO	·	
	al Number above Detect			Detection Limit		
Method : Analyte :	SW8240 - Volatile Orgo-Xylene	ganics				
Type of Blank :	Ambient Blank	,				
			ND	2.0	(I	•
08/18/93	AB-01	VOA*93228	หม	۷.0	uq/L	1
08/18/93 08/18/93	AB-01 AB-02	VOA*93228 VOA*93228	ND ND	2.0 2.0	ug/L ug/L	1
08/18/93 08/18/93 08/18/93						

Concentration Range NC Maximum Detection Limit = 2

Total Number above Detection Limit = 0



ND = Not Detected NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8240 - Volatile Organics

Analyte : o-Xylene, cont.

Type of Blank: Ambient Blank

Method: SW8240 - Volatile Organics

Analyte : o-Xylene

Type of Blank: Method Blank

08/16/93	METHOD	VOA*93224	0.00	2.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	2.0	ug/L	1
08/25/93	METHOD	VOA*93238	0.00	2.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 3

Concentration Range 0.00000 - 0.00000

Maximum Detection Limit = 2

Method: SW8240 - Volatile Organics

Analyte : o-Xylene

Type of Blank : Trip Blank

08/16/93	TB-01-02	VOA*93224	ND	2.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	2.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	2.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 2

Method : SW8240 - Volatile Organics Analyte: trans-1,2-Dichloroethene

Type of Blank: Ambient Blank

08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-03	VOA*93228	ND	1.0	ug/L	1
08/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
08/25/93	AB-04	VOA*93238	ND	1.0	ug/L	1

Total Number of Blanks = 4

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

Method: SW8240 - Volatile Organics Analyte : trans-1,2-Dichloroethene

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
ype of Blank :	Method Blank					
06/26/93	BLK931139	MS4502306260811	ND	1.6	ug/L	1
08/16/93	METHOD	VOA*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.3	ug/L	1
Tot	al Number of Blanks =	5	Concent	ration Range 0	.00000 - 0.0	00000
Tot	al Number above Detec	tion Limit = 3	Maximum	n Detection Limit	= 1.6	
	SW8240 - Volatile Org					
Analyte :	trans-1,2-Dichloroet	nene				
ype of Blank :	Trip Blank					
08/16/93	TB-01-02	V0A*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
9/15/93	RATB-01	<b>V</b> OA*93157	ND	1.0	ug/L	1
Tot	al Number of Blanks =	3	Concent	ration Range N	 C	
Tot	al Number above Detec	tion Limit = 0		Detection Limit	= 1	
	SW8240 - Volatile Org					
Analyte :	trans-1,3-Dichloropro	ppene				
ype of Blank :	Ambient Blank					
08/18/93	AB-02	VOA*93228	ND	1.0	ug/L	1
8/18/93	AB-01	V0A*93228	ND	1.0	ug/L	1
8/18/93	AB-03	V0A*93228	ND	1.0	ug/L	1
08/25/93	AB-04	V0A*93238	ND	1.0	ug/L	1
 Tot	al Number of Blanks =	4	Concent	ration Range N	 C	
Tot	al Number above Detect	tion Limit = 0	Maximum	Detection Limit	= 1	
	SW8240 - Volatile Org trans-1,3-Dichloropro					
ype of Blank :	Method Blank					
ne /oc /oo						

06/26/93	BLK931139	MS4502306260811	ND	0.30	ug/L	1
08/16/93	METHOD	V0A*93224	0.00	1.0	ug/L	1
08/18/93	METHOD	VOA*93228	0.00	1.0	ug/L	1
08/25/93	METHOD	V0A*93238	0.00	1.0	ug/L	1
10/04/93	BLK932969	MSMSDA310041045	ND	1.5	ug/L	1

Total Number of Blanks = 5 Concentration Range 0.00000 - 0.00000

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8240 - Volatile Organics Analyte: trans-1,3-Dichloropropene, cont.

Type of Blank: Method Blank

Total Number above Detection Limit = 3

Maximum Detection Limit = 1.53

Method : SW8240 - Volatile Organics Analyte : trans-1,3-Dichloropropene

Type of Blank : Trip Blank

08/16/93	TB-01-02	VOA*93224	ND	1.0	ug/L	1
08/25/93	TB-04-02	VOA*93238	ND	1.0	ug/L	1
09/15/93	RATB-01	VOA*93157	ND	1.0	ug/L	1

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1

Method : SW8270 - Semivolatile Organics

Analyte: 1,2,4-Trichlorobenzene

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.59	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.65	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.646

Method: SW8270 - Semivolatile Organics

Analyte: 1,2,4-Trichlorobenzene

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.59	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.59	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.59	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.59	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.59	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.59	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.59	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.59	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.59	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.59	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.59	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.59	ug/L	1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8270 - Semivolatile Organics Analyte : 1,2,4-Trichlorobenzene, cont.

Type of Blank: Method Blank

09/24/93	MB	MSMSD2309240819	ND	0.59	ug/L	1	
10/08/93	MB	MSMSD2310080817	ND	0.59	ug/L	1	
10/11/93	MB	MSMSD2310110812	ND	0.59	ug/L	1	

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.591

Method : SW8270 - Semivolatile Organics

Analyte: 1,2-Dichlorobenzene

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.64	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.70	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.698

Method: SW8270 - Semivolatile Organics

Analyte : 1,2-Dichlorobenzene

Type of Blank: Method Blank

Compiled: 21 April 1994

06/14/93	MB	MSMSD2306140820	ND	0.64	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.64	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.64	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.64	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.64	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.78	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.64	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.64	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.78	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.78	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.78	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.78	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.64	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.64	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.64	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.78



^{* -} Value considered suspect, refer to QC report

Method : SW8270 - Semivolatile Organics   Analyte : 1,3-Dichlorobenzene	DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Analyte : 1,3-Dichlorobenzene  Appe of Blank : Equipment Blank  Application							
### Sype of Blank : Equipment Blank  #### B/23/93			Organics				
6/23/93	Analyte :	1,3-Dichlorobenzene					
Total Number of Blanks = 2	ype of Blank :	Equipment Blank					
Total Number of Blanks = 2 Total Number above Detection Limit = 0  Method : SW8270 - Semivolatile Organics Analyte : 1,3-Dichlorobenzene  Sype of Blank : Method Blank  Method D.72 ug/L 1  Method D.72 ug/L 1	6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.72	ug/L	1
Maximum Detection Limit = 0   Maximum Detection Limit = 0.788	0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.79	ug/L	1
Method : SWB270 - Semivolatile Organics Analyte : 1,3-Dichlorobenzene  ype of Blank : Method Blank  6/14/93	Tot	al Number of Blanks = 2		Concent	ration Range N	C	<del></del>
Analyte : 1,3-Dichlorobenzene  ype of Blank : Method Blank  6/14/93	Tot	al Number above Detecti	on Limit = 0	Maximum	n Detection Limit	= 0.788	
Analyte : 1,3-Dichlorobenzene  Type of Blank : Method Blank  16/14/93							
Section   Sect			Organics				
MB	Analyte:	1,3-U1ch1orobenzene					
MB	ype of Blank :	Method Blank					
MSMSD2306160814   ND	6/14/93	MB	MSMSD2306140820	ND	0.72	-	
MB	6/15/93	MB					
No.	6/16/93						
MB	6/22/93	МВ					
6/24/93 MB MSMSD2306240908 ND 0.72 ug/L 1 8/07/93 MB MSMSD2308070819 ND 0.72 ug/L 1 8/17/93 MB MSMSD1308171507 ND 0.40 ug/L 1 8/25/93 MB MSMSD1308251013 ND 0.40 ug/L 1 9/20/93 MB MSMSD1309201450 ND 0.40 ug/L 1 9/23/93 MB MSMSD1309201450 ND 0.40 ug/L 1 9/24/93 MB MSMSD1309230953 ND 0.40 ug/L 1 9/24/93 MB MSMSD2309240819 ND 0.72 ug/L 1 0/08/93 MB MSMSD23101080817 ND 0.72 ug/L 1 0/11/93 MB MSMSD2310110812 ND 0.72 ug/L 1  Total Number of Blanks = 15  Total Number above Detection Limit = 0  Concentration Range NC Maximum Detection Limit = 0.72	6/23/93	MB				=	
8/07/93 MB MSMSD2308070819 ND 0.72 ug/L 1 8/17/93 MB MSMSD1308171507 ND 0.40 ug/L 1 8/25/93 MB MSMSD1308251013 ND 0.40 ug/L 1 9/20/93 MB MSMSD1309201450 ND 0.40 ug/L 1 9/23/93 MB MSMSD1309201450 ND 0.40 ug/L 1 9/24/93 MB MSMSD1309230953 ND 0.40 ug/L 1 9/24/93 MB MSMSD2309240819 ND 0.72 ug/L 1 0/08/93 MB MSMSD2310080817 ND 0.72 ug/L 1 0/11/93 MB MSMSD2310110812 ND 0.72 ug/L 1 0/11/93 MB MSMSD2310110812 ND 0.72 ug/L 1  Total Number of Blanks = 15 Concentration Range NC Total Number above Detection Limit = 0 Maximum Detection Limit = 0.72	6/23/93	MB				<del>-</del>	
8/17/93 MB MSMSD1308171507 ND 0.40 ug/L 1 8/25/93 MB MSMSD1308251013 ND 0.40 ug/L 1 9/20/93 MB MSMSD1309201450 ND 0.40 ug/L 1 9/23/93 MB MSMSD1309230953 ND 0.40 ug/L 1 9/24/93 MB MSMSD2309240819 ND 0.72 ug/L 1 0/08/93 MB MSMSD2310080817 ND 0.72 ug/L 1 0/11/93 MB MSMSD2310110812 ND 0.72 ug/L 1  Total Number of Blanks = 15 Concentration Range NC Total Number above Detection Limit = 0 Maximum Detection Limit = 0.72	6/24/93	MB				-	
No.	8/07/93	MB		ND		-	
19/20/93   MB   MSMSD1309201450   ND   0.40   ug/L   1     19/23/93   MB   MSMSD1309230953   ND   0.40   ug/L   1     19/24/93   MB   MSMSD2309240819   ND   0.72   ug/L   1     10/08/93   MB   MSMSD2310080817   ND   0.72   ug/L   1     10/11/93   MB   MSMSD2310110812   ND   0.72   ug/L   1     Total Number of Blanks = 15   Concentration Range   NC     Total Number above Detection Limit = 0   Maximum Detection Limit = 0.72	8/17/93	MB	MSMSD1308171507	ND	0.40	-	
19/23/93   MB   MSMSD1309230953   ND   0.40   ug/L   1     19/24/93   MB   MSMSD2309240819   ND   0.72   ug/L   1     10/08/93   MB   MSMSD2310080817   ND   0.72   ug/L   1     10/11/93   MB   MSMSD2310110812   ND   0.72   ug/L   1     Total Number of Blanks = 15   Concentration Range   NC     Total Number above Detection Limit = 0   Maximum Detection Limit = 0.72	8/25/93	MB					
MB	9/20/93	MB	MSMSD1309201450	ND	0.40	-	
0/08/93         MB         MSMSD2310080817         ND         0.72         ug/L         1           0/11/93         MB         MSMSD2310110812         ND         0.72         ug/L         1           Total Number of Blanks = 15         Concentration Range NC           Total Number above Detection Limit = 0         Maximum Detection Limit = 0.72	9/23/93	MB	MSMSD1309230953	ND	0.40	_	
O/11/93 MB MSMSD2310110812 ND 0.72 ug/L 1  Total Number of Blanks = 15 Concentration Range NC  Total Number above Detection Limit = 0 Maximum Detection Limit = 0.72	9/24/93	MB	MSMSD2309240819	ND	0.72		1
Total Number of Blanks = 15  Total Number above Detection Limit = 0  Maximum Detection Limit = 0.72	.0/08/93	MB	MSMSD2310080817	ND	0.72	ug/L	1
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.72	0/11/93	МВ	MSMSD2310110812	ND	0.72	ug/L 	1
	Total Number of Blanks = 15		Concent	ration Range N	С		
	Tot	al Number above Detecti	on Limit = 0	Maximum	n Detection Limit	= 0.72	
Method : SW8270 - Semivolatile Organics	Method :	SW8270 - Semivolatile	Organics				

Type of Blank : Equipment Blank

06/23/93 04-MW-01-EB-03 MSMSD2306230826 ND 0.59 ug/L 1 10/11/93 08-GP-01-EB-01 MSMSD2310110812 ND 0.65 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.646

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method :	SW8270 - Semivolatile	Organics				
	1,4-Dichlorobenzene					
ype of Blank :	Method Blank					
06/14/93	MB	MSMSD2306140820	ND	0.59	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.59	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.59	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.59	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.81	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.59	ug/L	1
06/24/93	MB	MSMSD2306240908	ND ND	0.59	ug/L	1
08/07/93	, MB	MSMSD2308070819	ND	0.59	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.81	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.81	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.81	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.81	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.59	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.59	ug/L	1
.0/11/93	MB	MSMSD2310110812	ND	0.59	ug/L	1
Tot	al Number of Blanks = 1	.5	Concent	tration Range M	IC	
Tot	al Number above Detecti	on Limit = 0	Maximun	n Detection Limit	: = 0.81	
	SW8270 - Semivolatile 2,4,5-Trichlorophenol	Organics				
ype of Blank :	Equipment Blank					
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.51	ug/L	1
10/11/03	00-CD-01-EP-01	MCMCD2210110012	MD	0.56	ua/1	1

10/	11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.56	ug/L	1
00/	23/93	U4-MW-U1-EB-U3	M2M2DC2D0C2D	NU	0.51	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.559

Method : SW8270 - Semivolatile Organics

Analyte : 2,4,5-Trichlorophenol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.51	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.51	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.51	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.51	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.51	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.33	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.51	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.51	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	ethod : SW8270 - Semiv alyte : 2,4,5-Trichlor					
	Blank : Method Blank	opnetion, cont.				
8/17/93	MB	MSMSD1308171507	ND	0.33	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.33	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.33	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.33	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.51	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.51	ug/L	1
0/11/93	MB	MSMSD2310110812	ND .	0.51	ug/L	1
Tot	tal Number of Blanks =	15	Concent	ration Range N	IC	
Tot	tal Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 0.51	

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.50	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.56	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.556

Method: SW8270 - Semivolatile Organics

Analyte : 2,4,6-Trichlorophenol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.50	ug/L	1	
06/15/93	MB	MSMSD2306150816	ND	0.50	ug/L	1	
06/16/93	MB	MSMSD2306160814	ND	0.50	ug/L	1	
06/22/93	MB	MSMSD2306220822	ND	0.50	ug/L	1	
06/23/93	MB	MSMSD2306230826	ND	0.50	ug/L	1	
06/23/93	MB	MSMSD1306231041	ND	0.35	ug/L	1	
06/24/93	MB	MSMSD2306240908	ND	0.50	ug/L	1	
08/07/93	MB	MSMSD2308070819	ND	0.51	ug/L	1	
08/17/93	MB	MSMSD1308171507	ND	0.35	ug/L	1	
08/25/93	MB	MSMSD1308251013	ND	0.35	ug/L	1	
09/20/93	MB	MSMSD1309201450	ND	0.35	ug/L	1	
09/23/93	MB	MSMSD1309230953	ND	0.35	ug/L	1	
09/24/93	MB	MSMSD2309240819	ND	0.51	ug/L	1	
10/08/93	MB	MSMSD2310080817	ND	0.51	ug/L	1	
10/11/93	MB	MSMSD2310110812	ND	0.51	ug/L	1	

TABLE B-7

DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8270 - Semivolatile Organics Analyte : 2,4,6-Trichlorophenol, cont.

Type of Blank : Method Blank

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.506

Method: SW8270 - Semivolatile Organics

Analyte : 2,4-Dichlorophenol

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.57	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.63	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.625

Method : SW8270 - Semivolatile Organics

Analyte : 2,4-Dichlorophenol

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.57	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.57	ug/L	1 .
06/16/93	MB	MSMSD2306160814	ND	0.57	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.57	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.44	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.57	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.57	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.57	ug/L	1
08/17/93	<b>M</b> B	MSMSD1308171507	ND	0.44	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.44	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.44	ug/L	1.
09/23/93	MB	MSMSD1309230953	ND	0.44	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.57	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.57	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.57	ug/L	1

Total Number of Blanks = 15

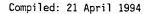
Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.57

Method: SW8270 - Semivolatile Organics

Analyte: 2,4-Dimethylphenol

Type of Blank : Equipment Blank



ND = Not Detected NC = Not Calculable

NA = Not Applicable

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* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	1.3	ug/L	1
.0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.4	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1.43

Method: SW8270 - Semivolatile Organics

Analyte : 2,4-Dimethylphenol

Type of Blank: Method Blank

06/14/93	MB ·	MSMSD2306140820	ND	1.3	ug/L	1
06/15/93	MB	MSMSD2306150816	ND:	1.3	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.3	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.3	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.3	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	1.1	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.3	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.3	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	1.1	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	1.1	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	1.1	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	1.1	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.3	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.3	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.3	ug/L	. 1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 1.3

Method: SW8270 - Semivolatile Organics

Analyte: 2,4-Dinitrophenol

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	4.2	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	4.6	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 4.59

Method: SW8270 - Semivolatile Organics

Analyte : 2,4-Dinitrophenol

Type of Blank : Method Blank

 $06/14/93 \qquad \ \ \, \text{MB} \qquad \qquad \text{MSMSD2306140820} \qquad \ \ \, \text{ND} \qquad \qquad 4.2 \qquad \ \ \, \text{ug/L} \qquad 1$ 

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT 	UNITS 	FACTOR
ı	lethod : SW8270 ~ Semive	olotilo Oppopios				
	alyte : 2,4-Dinitrophe					
Type of	Blank : Method Blank					
6/15/93	МВ	MSMSD2306150816	ND	4.2	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	4.2	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	4.2	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	4.2	ug/L	1
6/23/93	MB	MSMSD1306231041	·ND	7.5	ug/L	1
5/24/93	MB	MSMSD2306240908	ND	4.2	ug/L	1
3/07/93	MB	MSMSD2308070819	ND	4.2	ug/L	1
3/17/93	MB	MSMSD1308171507	ND	7.0	ug/L	1
3/25/93	MB	MSMSD1308251013	ND	7.0	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	7.0	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	7.0	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	4.2	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	4.2	ug/L	1
0/11/93	МВ	MSMSD2310110812	ND	4.2	ug/L	1
To	tal Number of Blanks =	15	Concent	ration Range N	 C	
To	tal Number above Detect	ion Limit = 0	Maximum	Detection Limit	= 7.5	
	: SW8270 - Semivolatile : 2,4-Dinitrotoluene	Organics		-		
/pe of Blank	: Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.59	ug/L	1

10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.65	ug/L	1		
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.59	ug/L	1		

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.649

Method : SW8270 - Semivolatile Organics

Analyte: 2,4-Dinitrotoluene

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.59	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.59	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.59	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.59	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.59	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.55	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.59	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.59	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.55	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8270 - Semivol	atile Organics				
	Analyte: 2,4-Dinitrotolue					
Туре	of Blank : Method Blank					
8/25/93	МВ	MSMSD1308251013	ND	0.55	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.55	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.55	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.59	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.59	ug/L	1
.0/11/93	MB 	MSMSD2310110812	ND	0.59	ug/L	1
	Total Number of Blanks = 1			tration Range N		
	Total Number above Detecti	on Limit = 0	Maximur	n Detection Limit	= 0.591	
Type of B1 06/23/93	yte : 2,6-Dinitrotoluene ank : Equipment Blank 04-MW-01-EB-03 08-GP-01-EB-01	MSMSD2306230826 MSMSD2310110812	ND ND	0.86 0.95	ug/L ug/L	1
Type of B1	ank : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2	MSMSD2310110812	ND Concent	0.95  tration Range N	ug/L C	
	04-MW-01-EB-03 08-GP-01-EB-01	MSMSD2310110812	ND Concent	0.95	ug/L C	
Type of B1 06/23/93 .0/11/93 	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection	MSMSD2310110812 	ND Concent	0.95  tration Range N	ug/L C	
ype of B1 6/23/93 0/11/93  Met Anal	O4-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2  Total Number above Detecti	MSMSD2310110812 	ND Concent	0.95  tration Range N	ug/L C	
ype of B1 6/23/93 0/11/93  Met Anal	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene	MSMSD2310110812 	ND Concent	0.95  tration Range N	ug/L C	
Met Anal	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod: SW8270 - Semivolatile yte: 2,6-Dinitrotoluene  ank: Method Blank  MB	MSMSD2310110812  on Limit = 0  Organics	ND Concent Maximur	0.95 tration Range N n Detection Limit	ug/L C = 0.946	
Met Anal 26/14/93 6/15/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod: SW8270 - Semivolatile yte: 2,6-Dinitrotoluene  ank: Method Blank	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820	ND Concent Maximur	0.95  tration Range N n Detection Limit	ug/L 	1
ype of B1 6/23/93 0/11/93  Met Anal ype of B1 6/14/93 6/15/93 6/16/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod: SW8270 - Semivolatile yte: 2,6-Dinitrotoluene  ank: Method Blank  MB MB	MSMSD2310110812 on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816	ND Concent Maximur ND ND	0.95 tration Range N n Detection Limit  0.86 0.86	ug/L C = 0.946 ug/L ug/L	1 1 1
ype of B1 6/23/93 0/11/93  Met Anal ype of B1 6/14/93 6/15/93 6/16/93 6/22/93	ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814	ND Concent Maximur ND ND ND	0.95 tration Range N n Detection Limit  0.86 0.86 0.86	ug/L C = 0.946 ug/L ug/L ug/L	1 1 1
ype of B1 6/23/93 0/11/93  Met Anal ype of B1 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93	ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detecti  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB  MB	MSMSD2310110812 on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822	ND Concent Maximur ND ND ND	0.95	ug/L	1 1 1 1
ype of B1 6/23/93 0/11/93  Met Anal ype of B1 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93 6/23/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod: SW8270 - Semivolatile yte: 2,6-Dinitrotoluene  ank: Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826	ND Concent Maximum ND	0.95 tration Range N n Detection Limit  0.86 0.86 0.86 0.86 0.86 0.85 0.86	ug/L	1 1 1 1 1
Met Anal (5/93) (6/23/93) (6/23/93) (6/23/93) (6/24/93)	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908	ND Concent Maximum ND	0.95 tration Range N n Detection Limit  0.86 0.86 0.86 0.86 0.86 0.86 0.86 0.8	ug/L	1 1 1 1 1 1
Met Anal (6/14/93) (6/15/93) (6/23/93) (6/23/93) (6/23/93) (6/24/93) (8/07/93)	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod: SW8270 - Semivolatile yte: 2,6-Dinitrotoluene  ank: Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819	ND Concent Maximum ND	0.95 tration Range N n Detection Limit  0.86 0.86 0.86 0.86 0.86 0.86 0.86 0.8	ug/L	1 1 1 1 1 1 1
Met Anal (5/93) (6/23/93) (6/15/93) (6/15/93) (6/23/93) (6/23/93) (6/24/93) (8/07/93) (8/17/93)	ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812	ND Concent Maximum ND	0.95	ug/L	1 1 1 1 1 1 1 1
Met Anal (5/93) (6/23/93) (6/16/93) (6/23/93) (6/23/93) (6/24/93) (8/17/93) (8/25/93)	ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2306240908 MSMSD2308070819 MSMSD1308251013	ND Concent Maximum ND	0.95	ug/L	1 1 1 1 1 1 1 1 1
Met Anal 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/23/93 16/	ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507 MSMSD1308251013 MSMSD1309201450	ND Concent Maximum ND	0.95	ug/L	1 1 1 1 1 1 1 1 1
Met Anal 15/98 of B1 16/23/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93	ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detecti  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  On Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507 MSMSD1308251013 MSMSD1309201450 MSMSD1309230953	ND Concent Maximum ND	0.95	ug/L	1 1 1 1 1 1 1 1 1 1
Met Anal 106/23/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10/11/93 10	ank : Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  hod : SW8270 - Semivolatile yte : 2,6-Dinitrotoluene  ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507 MSMSD1308251013 MSMSD1309201450	ND Concent Maximum ND	0.95	ug/L	1 1 1 1 1 1 1 1 1

Total	Number	٥f	Rlanke	_	15
lotai	number	O I	DIANKS	=	1.7

10/11/93

Compiled: 21 April 1994

Concentration Range NC

0.86

ug/L

NA = Not Applicable ND = Not Detected NC = Not Calculable

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method : SW8270 - Semivolatile Organics Analyte : 2,6-Dinitrotoluene, cont.

Type of Blank: Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.861

Method: SW8270 - Semivolatile Organics

Analyte : 2-Chloronaphthalene

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.39	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.43	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.431

Method: SW8270 - Semivolatile Organics

Analyte : 2-Chloronaphthalene

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.39	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.39	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.39	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.39	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.39	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.32	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.39	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.39	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.32	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.32	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.32	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.32	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.39	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.39	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.39	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

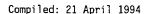
Concentration Range NC

Maximum Detection Limit = 0.392

Method : SW8270 - Semivolatile Organics

Analyte : 2-Chlorophenol

Type of Blank : Equipment Blank



DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	ethod : SW8270 - Semivola alyte : 2-Chlorophenol, o					
Type of 1	Blank : Equipment Blank					
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.64	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.70	ug/L	1
Tot	tal Number of Blanks = 2			ration Range N		
Tot	tal Number above Detection	on Limit = 0	Maximum	Detection Limit	= 0.698	
Method	: SW8270 - Semivolatile (	)rganics				
	: 2-Chlorophenol	ga 00				
Type of Blank	: Method Blank					
06/14/93	МВ	MSMSD2306140820	ND	0.64	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.64	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.64	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.64	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.76	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.64	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.64	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.64	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.76	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.76	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.76	ug/L	1
09/23/93	мв	MSMSD1309230953	ND	0.76	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.64	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.64	ug/L	1
10/11/93	MB 	MSMSD2310110812	ND	0.64	ug/L	1
	tal Number of Blanks = 1		Concent	ration Range N	С	
To		on Limit = 0	Massimum	Detection Limit	- 0 764	

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.36	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.40	ug/L	1

Total Number of Blanks = 2
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.4

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

06/16/93       MB       MSMSD2306160814       ND       0.36       ug/L         06/22/93       MB       MSMSD2306220822       ND       0.36       ug/L         06/23/93       MB       MSMSD1306231041       ND       0.66       ug/L         06/23/93       MB       MSMSD2306230826       ND       0.36       ug/L         06/24/93       MB       MSMSD2306240908       ND       0.36       ug/L         08/07/93       MB       MSMSD2308070819       ND       0.36       ug/L         08/17/93       MB       MSMSD1308171507       ND       0.66       ug/L         08/25/93       MB       MSMSD1308251013       ND       0.66       ug/L         09/20/93       MB       MSMSD1309201450       ND       0.66       ug/L         09/24/93       MB       MSMSD2309240819       ND       0.36       ug/L         09/24/93       MB       MSMSD2310080817       ND       0.36       ug/L         00/08/93       MB       MSMSD2310080817       ND       0.36       ug/L	Analyte : 2-Methylnaphthalene  //Pe of Blank : Method Blank  //Pe of Blank : Description	Analyte : 2-Methylnaphthalene  Type of Blank : Method Blank  D6/14/93		
MB MSMSD2306140820 ND 0.36 ug/L 06/15/93 MB MSMSD2306150816 ND 0.36 ug/L 06/16/93 MB MSMSD2306160814 ND 0.36 ug/L 06/22/93 MB MSMSD2306220822 ND 0.36 ug/L 06/23/93 MB MSMSD2306231041 ND 0.66 ug/L 06/23/93 MB MSMSD2306230826 ND 0.36 ug/L 06/23/93 MB MSMSD2306230826 ND 0.36 ug/L 06/24/93 MB MSMSD2306240908 ND 0.36 ug/L 08/07/93 MB MSMSD2306240908 ND 0.36 ug/L 08/07/93 MB MSMSD2308070819 ND 0.36 ug/L 08/17/93 MB MSMSD1308171507 ND 0.66 ug/L 08/25/93 MB MSMSD1308251013 ND 0.66 ug/L 08/25/93 MB MSMSD1308251013 ND 0.66 ug/L 08/26/93 MB MSMSD1309201450 ND 0.36 ug/L 08/26/93 MB MSMSD1309201450 ND 0.36 ug/L 08/26/93 MB MSMSD2309240819 ND 0.36 ug/L	Mathematical Number of Blanks   MSMSD2306140820   ND   0.36   ug/L   1   1   1   1   1   1   1   1   1	MB		
MSMSD2306150816   ND	MB	MB		
06/15/93       MB       MSMSD2306150816       ND       0.36       ug/L         06/16/93       MB       MSMSD2306160814       ND       0.36       ug/L         06/22/93       MB       MSMSD2306220822       ND       0.36       ug/L         06/23/93       MB       MSMSD1306231041       ND       0.66       ug/L         06/23/93       MB       MSMSD2306230826       ND       0.36       ug/L         06/24/93       MB       MSMSD2306240908       ND       0.36       ug/L         08/07/93       MB       MSMSD2308070819       ND       0.36       ug/L         08/17/93       MB       MSMSD1308171507       ND       0.66       ug/L         08/25/93       MB       MSMSD1308251013       ND       0.66       ug/L         09/20/93       MB       MSMSD1309201450       ND       0.66       ug/L         09/24/93       MB       MSMSD2309240819       ND       0.36       ug/L         10/08/93       MB       MSMSD2310080817       ND       0.36       ug/L	MB	06/15/93         MB         MSMSD2306150816         ND           06/16/93         MB         MSMSD2306160814         ND           06/22/93         MB         MSMSD2306220822         ND           06/23/93         MB         MSMSD1306231041         ND           06/23/93         MB         MSMSD2306230826         ND           06/24/93         MB         MSMSD2306240908         ND           08/07/93         MB         MSMSD2308070819         ND           08/17/93         MB         MSMSD1308171507         ND           08/25/93         MB         MSMSD1308251013         ND           09/20/93         MB         MSMSD1309201450         ND           09/24/93         MB         MSMSD2309240819         ND           10/08/93         MB         MSMSD2310080817         ND           10/11/93         MB         MSMSD2310110812         ND	0.36 ug/L	
06/16/93       MB       MSMSD2306160814       ND       0.36       ug/L         06/22/93       MB       MSMSD2306220822       ND       0.36       ug/L         06/23/93       MB       MSMSD1306231041       ND       0.66       ug/L         06/23/93       MB       MSMSD2306230826       ND       0.36       ug/L         06/24/93       MB       MSMSD2306240908       ND       0.36       ug/L         08/07/93       MB       MSMSD2308070819       ND       0.36       ug/L         08/17/93       MB       MSMSD1308171507       ND       0.66       ug/L         08/25/93       MB       MSMSD1308251013       ND       0.66       ug/L         09/20/93       MB       MSMSD1309201450       ND       0.66       ug/L         09/24/93       MB       MSMSD2309240819       ND       0.36       ug/L         09/24/93       MB       MSMSD2310080817       ND       0.36       ug/L         00/08/93       MB       MSMSD2310080817       ND       0.36       ug/L	MB	06/16/93         MB         MSMSD2306160814         ND           06/22/93         MB         MSMSD2306220822         ND           06/23/93         MB         MSMSD1306231041         ND           06/23/93         MB         MSMSD2306230826         ND           06/24/93         MB         MSMSD2306240908         ND           08/07/93         MB         MSMSD2308070819         ND           08/17/93         MB         MSMSD1308171507         ND           08/25/93         MB         MSMSD1308251013         ND           09/20/93         MB         MSMSD1309201450         ND           09/24/93         MB         MSMSD2309240819         ND           10/08/93         MB         MSMSD2310080817         ND           10/11/93         MB         MSMSD2310110812         ND	0.36 ug/L :	
MSMSD1306231041   ND	Mathematical Notation   Math	06/23/93 MB MSMSD1306231041 ND 06/23/93 MB MSMSD2306230826 ND 06/24/93 MB MSMSD2306240908 ND 08/07/93 MB MSMSD2308070819 ND 08/17/93 MB MSMSD1308171507 ND 08/25/93 MB MSMSD1308251013 ND 09/20/93 MB MSMSD1308251013 ND 09/24/93 MB MSMSD1309201450 ND 09/24/93 MB MSMSD2309240819 ND 00/08/93 MB MSMSD2310080817 ND 00/08/93 MB MSMSD231010812 ND 00/11/93 MB MSMSD2310110812 ND	0.36 ug/L	
MSMSD2306230826   ND	Mathematical Note	06/23/93 MB MSMSD2306230826 ND 06/24/93 MB MSMSD2306240908 ND 08/07/93 MB MSMSD2308070819 ND 08/17/93 MB MSMSD1308171507 ND 08/25/93 MB MSMSD1308251013 ND 09/20/93 MB MSMSD1309201450 ND 09/24/93 MB MSMSD2309240819 ND 00/08/93 MB MSMSD2310080817 ND 00/08/93 MB MSMSD231010812 ND 00/11/93 MB MSMSD2310110812 ND	0.36 ug/L	
6/24/93       MB       MSMSD2306240908       ND       0.36       ug/L         8/07/93       MB       MSMSD2308070819       ND       0.36       ug/L         8/17/93       MB       MSMSD1308171507       ND       0.66       ug/L         8/25/93       MB       MSMSD1308251013       ND       0.66       ug/L         9/20/93       MB       MSMSD1309201450       ND       0.66       ug/L         9/24/93       MB       MSMSD2309240819       ND       0.36       ug/L         0/08/93       MB       MSMSD2310080817       ND       0.36       ug/L	Mathematical Region   Mathematical Region	6/24/93         MB         MSMSD2306240908         ND           8/07/93         MB         MSMSD2308070819         ND           8/17/93         MB         MSMSD1308171507         ND           8/25/93         MB         MSMSD1308251013         ND           9/20/93         MB         MSMSD1309201450         ND           9/24/93         MB         MSMSD2309240819         ND           0/08/93         MB         MSMSD2310080817         ND           0/11/93         MB         MSMSD2310110812         ND    Total Number of Blanks = 14	0.66 ug/L	
MSMSD2308070819   ND	Mathematical Nation   Mathematical Nation	18/07/93         MB         MSMSD2308070819         ND           18/17/93         MB         MSMSD1308171507         ND           18/25/93         MB         MSMSD1308251013         ND           19/20/93         MB         MSMSD1309201450         ND           19/24/93         MB         MSMSD2309240819         ND           0/08/93         MB         MSMSD2310080817         ND           0/11/93         MB         MSMSD2310110812         ND    Total Number of Blanks = 14	0.36 ug/L	
MSMSD1308171507   ND   0.66   ug/L     MSMSD1308171507   ND   0.66   ug/L     MSMSD1308251013   ND   0.66   ug/L     MSMSD1309201450   ND   0.66   ug/L     MSMSD1309201450   ND   0.36   ug/L     MSMSD2309240819   ND   0.36   ug/L     MSMSD2310080817   ND   Ug/L     MSMSD2310080817   ND   Ug/L     MSMSD2310080817   Ug/L	Mathematical Number of Blanks = 14	18/17/93         MB         MSMSD1308171507         ND           18/25/93         MB         MSMSD1308251013         ND           19/20/93         MB         MSMSD1309201450         ND           19/24/93         MB         MSMSD2309240819         ND           10/08/93         MB         MSMSD2310080817         ND           10/11/93         MB         MSMSD2310110812         ND    Total Number of Blanks = 14	0.36 ug/L	
MSMSD1308251013   ND   0.66   ug/L     19/20/93   MB   MSMSD1309201450   ND   0.66   ug/L     19/24/93   MB   MSMSD2309240819   ND   0.36   ug/L     10/08/93   MB   MSMSD2310080817   Ug/L   Ug/L	MSMSD1308251013   ND   0.66   ug/L   1	18/25/93         MB         MSMSD1308251013         ND           19/20/93         MB         MSMSD1309201450         ND           19/24/93         MB         MSMSD2309240819         ND           10/08/93         MB         MSMSD2310080817         ND           10/11/93         MB         MSMSD2310110812         ND    Total Number of Blanks = 14	0.36 ug/L	
09/20/93 MB MSMSD1309201450 ND 0.66 ug/L 19/24/93 MB MSMSD2309240819 ND 0.36 ug/L 0/08/93 MB MSMSD2310080817 ND 0.36 ug/L	Mathematical Concentration   Mathematical C	9/20/93 MB MSMSD1309201450 ND 9/24/93 MB MSMSD2309240819 ND 0/08/93 MB MSMSD2310080817 ND 0/11/93 MB MSMSD2310110812 ND  Total Number of Blanks = 14 Conce	0.66 ug/L	
9/24/93 MB MSMSD2309240819 ND 0.36 ug/L 0/08/93 MB MSMSD2310080817 ND 0.36 ug/L	7/24/93 MB MSMSD2309240819 ND 0.36 ug/L 1 0/08/93 MB MSMSD2310080817 ND 0.36 ug/L 1 0/11/93 MB MSMSD2310110812 ND 0.36 ug/L 1 Total Number of Blanks = 14 Concentration Range NC	9/24/93 MB MSMSD2309240819 ND 0/08/93 MB MSMSD2310080817 ND 0/11/93 MB MSMSD2310110812 ND  Total Number of Blanks = 14 Conce	0.66 ug/L	
0/08/93 MB MSMSD2310080817 ND 0.36 ug/L	7/08/93 MB MSMSD2310080817 ND 0.36 ug/L 1 0/11/93 MB MSMSD2310110812 ND 0.36 ug/L 1  Total Number of Blanks = 14 Concentration Range NC	0/08/93 MB MSMSD2310080817 ND 0/11/93 MB MSMSD2310110812 ND  Total Number of Blanks = 14 Conce	0.66 ug/L	
7,00,00	70/11/93 MB MSMSD2310110812 ND 0.36 ug/L 1  Total Number of Blanks = 14 Concentration Range NC	0/11/93 MB MSMSD2310110812 ND  Total Number of Blanks = 14 Conce	3, -	
.0/11/93 MB MSMSD2310110812 ND 0.36 ug/L	Total Number of Blanks = 14 Concentration Range NC	Total Number of Blanks = 14 Conce	-3	
			0.36 ug/L	
Total Number of Blanks = 14 Concentration Range NC	Total Number above Detection Limit = 0 Maximum Detection Limit = 0.66		tration Range NC	١
Total Number above Detection Limit = 0 Maximum Detection Limit = 0.66		Total Number above Detection Limit = 0 Maxii	m Detection Limit = 0.66	imit

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.31	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.34	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NCMaximum Detection Limit = 0.341

Method : SW8270 - Semivolatile Organics Analyte : 2-Methylphenol (o-cresol)

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.31	ug/L	1
06/15/93	<b>M</b> B	MSMSD2306150816	ND	0.31	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.31	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.31	ug/L	1
06/23/93	<b>M</b> B	MSMSD1306231041	ND	0.53	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.31	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.31	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.31	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.53	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	ethod : SW8270 - Semivola					
An	alyte : 2-Methylphenol (d	o-cresol), cont.				
Type of	Blank : Method Blank					
8/25/93	мв	MSMSD1308251013	ND	0.53	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.31	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.31	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.31	ug/L	1
To	tal Number of Blanks = 14	ļ			C	
То	tal Number above Detection	on Limit = 0	Maximum	n Detection Limit	= 0.534	
	: SW8270 - Semivolatile ( : 2-Nitroaniline	rganics				
ype of Blank	: Equipment Blank					
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.66	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.73	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.729

Method : SW8270 - Semivolatile Organics

Analyte : 2-Nitroaniline

Type of Blank : Method Blank

			•			
06/14/93	MB	MSMSD2306140820	ND	0.66	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.66	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.66	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.66	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.40	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.66	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.66	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.66	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.40	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.40	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.40	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.66	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.66	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.66	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.663

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	***					
,						
	SW8270 - Semivolatile ( 2-Nitrophenol	)rganics				
ype of Blank :	Equipment Blank			,		
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1
Tot	al Number of Blanks = 2		 Concent	ration Range N	 IC	
Total Number above Detection Limit = 0				Detection Limit		
M-45-1	CU0070 0 : 3 ::3 :					
	SW8270 - Semivolatile ( 2-Nitrophenol	rganics				
Andlyte :	z-mi crophenoi					
ype of Blank :	Method Blank					
6/14/93	MB	MSMSD2306140820	ND	0.52	ug/L	1
6/15/93	MB	MSMSD2306150816	. ND	0.52	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.52	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.52	ug/L	1
6/23/93	MB	MSMSD1306231041	ND	0.44	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.44	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.44	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.44	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.44	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
0/08/93	МВ	MSMSD2310080817	ND	0.52	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.52	ug/L	1
Tot	al Number of Blanks = 15		Concent	ration Range N	<del></del> С	
Total Number above Detection Limit = 0				Detection Limit		
	SW8270 - Semivolatile 0 3,3'-Dichlorobenzidine	rganics				
ype of Blank :	Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.33	ug/L	1

Compiled: 21 April 1994

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.366

DATE	SAMPLE	ВАТСН		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8270 - Semivolatile : 3,3'-Dichlorobenzidin					
-	: Method Blank					
6/14/93	мв	MSMSD2306140820	ND	0.33	ug/L	1
6/15/93	MB	MSMSD2306150816	ND	0.33	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.33	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.33	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.33	ug/L	1
6/23/93	MB	MSMSD1306231041	ND	0.49	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.33	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.33	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.49	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.49	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.49	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.49	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.33	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.33	ug/L	1
0/11/93	МВ	MSMSD2310110812	ND	0.33	ug/L	1
Tot	al Number of Blanks = :	15	Concent	ration Range N	C	
Tot	al Number above Detect	ion Limit = 0	Maximum	n Detection Limit	= 0.49	
	: SW8270 - Semivolatile : 3-Nitroaniline	Organics				
ype of Blank :	: Equipment Blank					

	·					
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.43	ug/L	1
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.39	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.432

Method: SW8270 - Semivolatile Organics

Analyte : 3-Nitroaniline

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.39	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.39	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.39	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.39	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.39	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.51	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.39	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.39	ug/L	1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	ethod : SW8270 - Semivo	olatile Organics				
	alyte : 3-Nitroaniline,					
Type of E	Blank : Method Blank					
8/17/93	мв	MSMSD1308171507	ND	0.51	ug/L	1
8/17/93 8/25/93	MB MB	MSMSD1308171507 MSMSD1308251013	ND ND	0.51 0.51	ug/L ug/L	1 1
-					-	1 1 1
8/25/93	MB	MSMSD1308251013	ND	0.51	ug/L ug/L	1 1 1
8/25/93 9/20/93	MB MB	MSMSD1308251013 MSMSD1309201450	ND ND	0.51 0.51	ug/L	1 1 1 1

Method: SW8270 - Semivolatile Organics Analyte: 4,6-Dinitro-2-methylphenol

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Type of Blank : Equipment Blank

10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.47	ug/L	1	
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.43	ug/L	1	

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.473

Concentration Range NC

Maximum Detection Limit = 0.51

Method : SW8270 - Semivolatile Organics Analyte : 4,6-Dinitro-2-methylphenol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.43	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.43	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.43	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.43	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.85	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.43	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.43	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.43	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.79	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.79	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.79	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.79	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.43	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.43	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.43	ug/L	1

Total Number of Blanks = 15

Concentration Range NC

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR

Method: SW8270 - Semivolatile Organics Analyte: 4,6-Dinitro-2-methylphenol, cont.

Type of Blank: Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.85

Method : SW8270 - Semivolatile Organics Analyte : 4-Bromophenyl phenyl ether

Type of Blank: Equipment Blank

06/23/93 04-MW-01-EB-03 MSMSD2306230826 ND 0.49 ug/L 1 10/11/93 08-GP-01-EB-01 MSMSD2310110812 ND 0.53 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.532

Method : SW8270 - Semivolatile Organics Analyte : 4-Bromophenyl phenyl ether

Type of Blank : Method Blank

06/14/93	мв	MSMSD2306140820	ND	0.49	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.49	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.49	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.49	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.49	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.46	ug/L	1
06/24/93	. MB	MSMSD2306240908	ND	0.49	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.48	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.46	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.46	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.46	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.46	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.48	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.48	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.48	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.49

Method : SW8270 - Semivolatile Organics

Analyte: 4-Chloro-3-methylphenol

Type of Blank: Equipment Blank

TABLE B-7

DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8270 - Semivol	atile Organics				
	Analyte : 4-Chloro-3-methy					
Туре	of Blank : Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
0/11/93 	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1
	Total Number of Blanks = 2		 Concent	ration Range N	 IC	
	Total Number above Detecti	on Limit = 0		Detection Limit		
	hod : SW8270 - Semivolatile yte : 4-Chloro-3-methylpheno					
	ank : Method Blank					
6/14/93	МВ	MSMSD2306140820	ND	0.52	/1	1
6/15/93	MB	MSMSD2306150816	ND	0.52	ug/L	1 1
6/16/93	MB	MSMSD2306160814	ND	0.52	ug/L ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.52	=	1
6/23/93	MB	MSMSD1306231041	ND	0.72	ug/L ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.72	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.72	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.72	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.72	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
0/08/93	MB	MSMSD2310080817	· ND	0.52	ug/L	1
0/11/93	МВ	MSMSD2310110812	ND	0.52	ug/L	1
	Total Number of Blanks = 15			ration Range NO		
	Total Number above Detection	n Limit = 0	Maximum	Detection Limit	= 0.723	
Meth	nod : SW8270 - Semivolatile C	rganics				
	rte : 4-Chloroaniline	. 32				
ype of Bla	nk : Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.74	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.82	ug/L	1
	Total Number of Blanks = 2		Concentr	ration Range NC	·	
	Total Number above Detectio		3000/10/	acron nange ne	•	

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method :	: SW8270 - Semivolatil	e Organics				
Analyte :	4-Chloroaniline					
ype of Blank :	Method Blank					
06/14/93	MB	MSMSD2306140820	ND	0.74	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.74	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.74	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.74	ug/L	1
6/23/93	MB	MSMSD1306231041	ND	0.56	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.74	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.74	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.75	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.56	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.56	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.56	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.75	ug/L	. 1
.0/08/93	MB	MSMSD2310080817	ND	0.75	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.75	ug/L	1
	al Number of Blanks =			tration Range M	IC.	
lot	al Number above Detec	tion Limit = U	maximun	n Detection Limit	. = 0.745	
Method :	: SW8270 - Semivolatil	e Organics				
	4-Chlorophenyl pheny					
Type of Blank :	Equipment Blank					

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.42	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.46	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.463

Method : SW8270 - Semivolatile Organics Analyte : 4-Chlorophenyl phenyl ether

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.42	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.42	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.42	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.42	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.42	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.53	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.42	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.42	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.53	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	thod : SW8270 - Semiv	volatile Organics				
		phenyl ether, cont.				
Type of B	lank : Method Blank					
8/25/93	мв	MSMSD1308251013	ND	0.53	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.53	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.42	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.42	ug/L	1
0/11/93	МВ	MSMSD2310110812	ND	0.42	ug/L	1
Tota	al Number of Blanks =	: 15	Concent	ration Range N	C	
Tota	al Number above Detec	tion limit = 0	Maximum	Detection Limit	= 0.53	

Type of Blank	:	Equipment	Blank
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06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.46	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.50	ug/L	1

Total Number of Blanks = 2 Concentration Range NC Total Number above Detection Limit = 0 Maximum Detection Limit = 0.504

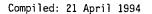
Method: SW8270 - Semivolatile Organics Analyte : 4-Methylphenol(p-cresol)

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.46	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.46	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.46	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.46	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.58	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.46	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.46	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.46	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.58	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.58	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.58	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.46	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.46	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.46	ug/L	1

Total Number of Blanks = 14 Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.58



ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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DATE	SAMPLE	BATCH	DECIN T	DETECTION LIMIT	UNITS	DILUTION FACTOR
ANALYZED	ID	ID	RESULT	CIM11	01113	

Method : SW8270 - Semivolatile Organics Analyte: 4-Methylphenol(p-cresol), cont.

Type of Blank: Method Blank

Method : SW8270 - Semivolatile Organics

Analyte: 4-Nitroaniline

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.61	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.67	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.666

Method: SW8270 - Semivolatile Organics

Analyte: 4-Nitroaniline

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.61	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.61	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.61	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.61	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.61	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.48	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.61	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.61	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.48	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.48	ug/L	1
09/20/93	МВ	MSMSD1309201450	ND	0.48	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.61	ug/L	1
10/08/93	MB	MSMSD2310080817	NÐ	0.61	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.61	ug/L	1

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.61

Method: SW8270 - Semivolatile Organics

Analyte : 4-Nitrophenol

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.94	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.0	ug/L	1

NC = Not Calculable ND = Not Detected Compiled: 21 April 1994 * - Value considered suspect, refer to QC report

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DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8270 - Semivolatile Organics

Analyte: 4-Nitrophenol, cont.

Type of Blank: Equipment Blank

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1.03

Method: SW8270 - Semivolatile Organics

Analyte : 4-Nitrophenol

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.94	ug/L	1
06/15/93	, <b>M</b> B	MSMSD2306150816	ND	0.94	ug/L	1
06/16/93	<b>M</b> B	MSMSD2306160814	ND	0.94	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.94	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.94	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.69	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.94	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.94	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.69	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.69	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.69	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.69	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.94	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.94	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.94	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.94

Method: SW8270 - Semivolatile Organics

Analyte : Acenaphthene

Type of Blank : Equipment Blank

							_
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.30	ug/L	1	
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.27	ug/L	1	

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.299

Method : SW8270 - Semivolatile Organics

Analyte : Acenaphthene

ND = Not Detected NC = Not Calculable Compiled: 21 April 1994

NA = Not Applicable

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* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Type of Blank :	Method Blank					
06/14/93	MB	MSMSD2306140820	ND	0.27	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.27	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.27	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.27	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.27	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.48	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.27	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.27	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.48	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.48	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.48	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.48	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.27	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

ND

Maximum Detection Limit = 0.48

0.27

0.27

ug/L

ug/L

1

1

Method: SW8270 - Semivolatile Organics

Analyte : Acenaphthylene

Type of Blank : Equipment Blank

10/08/93

10/11/93

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.42	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.46	ug/L	1

MSMSD2310110812 ND

MSMSD2310080817

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.459

Method: SW8270 - Semivolatile Organics

Analyte : Acenaphthylene

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.42	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.42	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.42	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.42	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.42	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.23	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.42	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.42	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.23	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.23	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.23	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.23	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	Method : SW8270 - Semivol	atile Organics				
	Analyte : Acenaphthylene,	_				
Туре	of Blank : Method Blank		•			
9/24/93	МВ	MSMSD2309240819	ND	0.42	ug/L	1
0/08/93	МВ	MSMSD2310080817	ND	0.42	ug/L	1
/11/93	MB	MSMSD2310110812	ND	0.42	ug/L	1
	Total Number of Blanks = 1	5	Concent	ration Range N	1C	
	Total Number above Detecti	on Limit = 0	Maximum	Detection Limit	= 0.42	
pe of Bla /23/93	yte : Anthracene ank : Equipment Blank 04-MW-01-EB-03	MSMSD2306230826	ND No.	0.37	ug/L	1
/pe of Bl	04-MW-01-EB-03 08-GP-01-EB-01	MSMSD2306230826 MSMSD2310110812	ND	0.40	ug/L	1 1
ype of Bla	ank : Equipment Blank 04-MW-01-EB-03	MSMSD2310110812	ND  Concent		ug/L 	
ype of Bla 6/23/93 0/11/93	ank : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  Total Number of Blanks = 2	MSMSD2310110812  on Limit = 0	ND  Concent	0.40  ration Range N	ug/L 	
ype of Bla 6/23/93 0/11/93 	04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks = 2 Total Number above Detection	MSMSD2310110812  on Limit = 0	ND  Concent	0.40  ration Range N	ug/L 	
ype of Bla 5/23/93 0/11/93  Meth Analy	O4-MW-01-EB-03 O8-GP-01-EB-01 Total Number of Blanks = 2 Total Number above Detection	MSMSD2310110812  on Limit = 0	ND  Concent	0.40  ration Range N	ug/L 	
Meti Analy	O4-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod : SW8270 - Semivolatile (yte : Anthracene	MSMSD2310110812  on Limit = 0	ND  Concent	0.40  ration Range N	ug/L 	
Meth Analy 14/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod: SW8270 - Semivolatile ( yte: Anthracene	MSMSD2310110812  on Limit = 0 Organics	ND Concent Maximum	0.40 	ug/L HC := 0.404	1
Meth Analy pe of Bla /14/93 /15/93 /16/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod : SW8270 - Semivolatile ( yte : Anthracene  ank : Method Blank  MB	MSMSD2310110812 	ND  Concent Maximum	0.40 ration Range N Detection Limit	ug/L IC := 0.404	1
Meth Analy pe of Bla /14/93 /15/93 /16/93 /22/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod : SW8270 - Semivolatile ( yte : Anthracene  ank : Method Blank  MB  MB	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820  MSMSD2306150816	ND Concent Maximum ND ND	0.40	ug/L IC := 0.404 ug/L ug/L	1 1 1
Meth Analy pe of Bla (714/93 (714/93 (715/93 (716/93 (716/93 (716/93 (716/93 (716/93 (716/93)	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod : SW8270 - Semivolatile ( yte : Anthracene  ank : Method Blank  MB  MB  MB	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820  MSMSD2306150816  MSMSD2306160814	ND Concent Maximum ND ND ND	0.40 ration Range M Detection Limit  0.37 0.37 0.37	ug/L iC := 0.404  ug/L ug/L ug/L	1 1 1 1
Meth Analy pe of Bla 5/14/93 5/15/93 5/16/93 5/22/93 5/23/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod : SW8270 - Semivolatile ( yte : Anthracene  ank : Method Blank  MB  MB  MB  MB  MB	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822	ND Concent Maximum ND ND ND ND ND	0.40	ug/L IC ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Meth Analy ype of Bla 5/14/93 6/15/93 6/15/93 6/22/93 6/23/93 6/23/93 6/24/93	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod: SW8270 - Semivolatile ( yte: Anthracene ank: Method Blank  MB  MB  MB  MB  MB  MB	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041	ND Concent Maximum  ND ND ND ND ND ND ND	0.40 	ug/L IC ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
ype of Black 6/23/93 0/11/93  Meti	O4-MW-01-EB-03 O8-GP-01-EB-01  Total Number of Blanks = 2 Total Number above Detection  nod : SW8270 - Semivolatile ( yte : Anthracene ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826	ND Concent Maximum  ND	0.40	ug/L IC := 0.404 ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1

MB

MB

MB

MB

MB

MB

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.581

0.58

0.58

0.58

0.37

0.37

0.37

Compiled: 21 April 1994

08/25/93

09/20/93

09/23/93

09/24/93

10/08/93

10/11/93

ND = Not Detected

NC = Not Calculable

ND

ND

ND

ND

ND

ND

NA = Not Applicable

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

B7-188

1

1

1

MSMSD1308251013

MSMSD1309201450

MSMSD1309230953

MSMSD2309240819

MSMSD2310080817

MSMSD2310110812

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8270 - Semivolatile 0 : Benzo(a)anthracene	)rganics				
ype of Blank	: Equipment Blank					:
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.45	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.49	ug/L	1
To	tal Number of Blanks = 2		Concent	ration Range N	С	
To Method	tal Number above Detection: : SW8270 - Semivolatile O : Benzo(a)anthracene		Maximun	n Detection Limit	= 0.493	•
To Method Analyte	: SW8270 - Semivolatile O		Maximum	n Detection Limit	. = 0.493	
To Method Analyte ype of Blank	: SW8270 - Semivolatile 0 : Benzo(a)anthracene		ND	0.45	ug/L	1
To Method Analyte ype of Blank 6/14/93	: SW8270 - Semivolatile 0 : Benzo(a)anthracene : Method Blank	Organics MSMSD2306140820 MSMSD2306150816	ND ND	0.45 0.45	ug/L ug/L	1
Method Analyte pe of Blank 6/14/93 6/15/93 6/16/93	: SW8270 - Semivolatile 0 : Benzo(a)anthracene : Method Blank MB MB MB	MSMSD2306140820 MSMSD2306150816 MSMSD2306160814	ND ND ND	0.45 0.45 0.45	ug/L ug/L ug/L	1 1
Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB	MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822	ND ND ND ND	0.45 0.45 0.45 0.45	ug/L ug/L ug/L ug/L	1 1 1
Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB	MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041	ND ND ND ND ND	0.45 0.45 0.45 0.45 0.51	ug/L ug/L ug/L ug/L ug/L	1 1 1
Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826	ND ND ND ND ND	0.45 0.45 0.45 0.45 0.51 0.45	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93 6/23/93 6/23/93 6/24/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908	ND ND ND ND ND ND	0.45 0.45 0.45 0.45 0.51 0.45	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93 6/23/93 6/23/93 6/24/93 8/07/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819	ND ND ND ND ND ND ND	0.45 0.45 0.45 0.45 0.51 0.45 0.45	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Method Analyte ype of Blank 6/14/93 6/15/93 6/15/93 6/22/93 6/22/93 6/23/93 6/23/93 6/24/93 8/07/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507	ND ND ND ND ND ND ND	0.45 0.45 0.45 0.45 0.51 0.45 0.45 0.45	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Method Analyte /pe of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93 6/23/93 6/24/93 8/07/93 8/17/93 8/25/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507 MSMSD1308251013	ND ND ND ND ND ND ND ND	0.45 0.45 0.45 0.45 0.51 0.45 0.45 0.45 0.52	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Method Analyte pe of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93 6/23/93 6/24/93 8/07/93 8/17/93 8/25/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD2306160814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507 MSMSD1308251013 MSMSD1309201450	ND ND ND ND ND ND ND ND	0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.52 0.52	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Method Analyte ype of Blank 5/14/93 5/15/93 5/15/93 5/22/93 5/23/93 5/23/93 5/23/93 8/07/93 8/17/93 8/25/93 9/20/93	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309230953	ND ND ND ND ND ND ND ND ND	0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.52 0.52 0.52	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
To Method Analyte	: SW8270 - Semivolatile O : Benzo(a)anthracene : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD2306160814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507 MSMSD1308251013 MSMSD1309201450	ND ND ND ND ND ND ND ND	0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.52 0.52	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.515

Method : SW8270 - Semivolatile Organics

Analyte : Benzo(a)pyrene

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.569

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method :	SW8270 - Semivolatile (	Organics				
	Benzo(a)pyrene					
ype of Blank :	Method Blank					
06/14/93	<b>M</b> B	MSMSD2306140820	ND	0.52	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.52	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.52	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.52	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.38	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.38	ug/L	1
18/25/93	MB	MSMSD1308251013	ND	0.38	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.38	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.38	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.52	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.52	ug/L	1
Tot	al Number of Blanks = 15	i	Concent	ration Range N	C	
Tota	al Number above Detectio	on Limit = O	Maximum	Detection Limit	= 0.52	
Madle 1	01/07/0 0 1 1 1 1					
	SW8270 - Semivolatile 0 Benzo(b)fluoranthene	rganics				
ype of Blank :	Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.91	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.00	ug/L	1
Tota	al Number of Blanks = 2		Concent	ration Range NO	 C	
Tota	al Number above Detectio	n Limit = 0	Maximum	Detection Limit	= 0.998	
	SW8270 - Semivolatile O	rganics				
Analyte :	Benzo(b)fluoranthene					
ype of Blank :	Method Blank					
- 4 4						

06/14/93 MB MSMSD2306140820 ND 0.91 ug/L 1 06/15/93  ${\sf MB}$ MSMSD2306150816 0.91 ND ug/L 1 06/16/93 MB MSMSD2306160814 ND 0.91 1 ug/L 06/22/93 MB MSMSD2306220822 ND 0.91 ug/L 1 06/23/93 MB MSMSD1306231041 ND 0.57 ug/L 1 06/23/93 MB MSMSD2306230826 ND 0.91 ug/L 1 06/24/93 MB MSMSD2306240908 ND 0.91 ug/L 1 08/07/93 MSMSD2308070819 MB ND 0.91 ug/L 1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

TAR	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	thod : SW8270 - Semivo	olatile Organics				
Ana	lyte : Benzo(b)fluoran	nthene, cont.				
Type of B	lank : Method Blank					
8/17/93	МВ	MSMSD1308171507	ND	0.57	ug/L	, 1
8/25/93	MB	MSMSD1308251013	ND	0.57	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.57	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.57	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.91	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.91	ug/L	1
		MSMSD2310110812	ND	0.91	ug/L	

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.91

Method: SW8270 - Semivolatile Organics

Analyte : Benzo(g,h,i)perylene

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	1.0	ug/L	1
10/11/93	08~GP-01-EB-01	MSMSD2310110812	ND	1.1	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1.12

Method : SW8270 - Semivolatile Organics

Analyte : Benzo(g,h,i)perylene

Type of Blank : Method Blank

00/11/00	up.	NCNCD020C140000	ND	1 0	/1	1
06/14/93	MB	MSMSD2306140820	ND	1.0	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	1.0	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.0	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.0	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.49	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.0	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.0	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.0	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.49	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.49	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.49	ug/L	1
. 09/23/93	MB	MSMSD1309230953	ND	0.49	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.0	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.0	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.0	ug/L	1

TABLE B-7 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES GALENA 1993 EVENT

ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method: SW8270 - Semivolatile Organics Analyte: Benzo(g,h,i)perylene, cont.

Type of Blank: Method Blank

Total Number of Blanks = 15
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 1.02

Method: SW8270 - Semivolatile Organics

Analyte : Benzo(k)fluoranthene

Type of Blank: Equipment Blank

 06/23/93
 04-MW-01-EB-03
 MSMSD2306230826
 ND
 1.0
 ug/L
 1

 10/11/93
 08-GP-01-EB-01
 MSMSD2310110812
 ND
 1.1
 ug/L
 1

Total Number of Blanks = 2
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 1.1

Method: SW8270 - Semivolatile Organics

Analyte : Benzo(k)fluoranthene

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	1.0	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	1.0	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.0	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.0	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.97	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.0	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.0	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.00	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.97	ug/L	1
08/25/93	<b>M</b> B	MSMSD1308251013	ND	0.97	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.97	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.97	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.00	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.00	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.00	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 1

Method: SW8270 - Semivolatile Organics

Analyte : Benzoic acid

Type of Blank: Equipment Blank

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
**						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	39.0	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	42.4	ug/L	1
	Total Number of Blanks = 3	<u>-</u>	Concent	tration Range N	 C	
	Total Number above Detect	ion Limit = 0	Maximum	n Detection Limit	= 42.4	

Method: SW8270 - Semivolatile Organics

Analyte : Benzoic acid

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	39.0	ug/L	1	
06/15/93	MB	MSMSD2306150816	ND	39.0	ug/L	1	
06/16/93	MB	MSMSD2306160814	ND	39.0	ug/L	1	
06/22/93	MB	MSMSD2306220822	ND	39.0	ug/L	1	
06/23/93	MB	MSMSD1306231041	ND	4.2	ug/L	1	
06/23/93	MB	MSMSD2306230826	ND	39.0	ug/L	1	
06/24/93	MB	MSMSD2306240908	ND	39.0	ug/L	1	
08/07/93	MB	MSMSD2308070819	ND	38.6	ug/L	1	
08/17/93	MB	MSMSD1308171507	ND	4.0	ug/L	1	
08/25/93	MB	MSMSD1308251013	ND	4.0	ug/L	1	
09/20/93	MB	MSMSD1309201450	ND	4.0	ug/L	1	
09/24/93	MB	MSMSD2309240819	ND	38.6	ug/L	1	
10/08/93	MB	MSMSD2310080817	ND	38.6	ug/L	1	
10/11/93	MB	MSMSD2310110812	ND	38.6	ug/L	1	

Total Number of Blanks = 14

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 39

Method : SW8270 - Semivolatile Organics

Analyte : Benzyl alcohol

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.61	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.67	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.67

B7-193

Method : SW8270 - Semivolatile Organics

Analyte : Benzyl alcohol

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.61	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.61	ug/L	1

NA = Not Applicable ND = Not Detected NC = Not Calculable Compiled: 21 April 1994 * - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED			RESULT	LIMIT	UNITS	FACTOR
	hod : SW8270 - Semiv yte : Benzyl alcohol	-				
Type of Bl	ank : Method Blank					
6/16/93	MB	MSMSD2306160814	ND	0.61	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.61	ug/L	1
6/23/93	MB	MSMSD1306231041	ND	1.1	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.61	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.61	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.61	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	1.1	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	1.1	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	1.1	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.61	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.61	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.61	ug/L	1

Method : SW8270 - Semivolatile Organics

Analyte : Butylbenzylphthalate

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.62	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.69	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.687

Method : SW8270 - Semivolatile Organics

Analyte : Butylbenzylphthalate

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.62	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.62	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.62	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.62	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.62	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.39	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.62	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.63	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.39	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.39	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.39	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTIO FACTOR
1	Method : SW8270 - Semivo	latile Organics				
	nalyte : Butylbenzylphth					
Type of	Blank : Method Blank					
9/23/93	мв .	MSMSD1309230953	ND	0.39	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.63	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.63	ug/L	1
0/11/93	мв	MSMSD2310110812	ND	0.63	ug/L	1
	otal Number of Blanks =			tration Range N		
T	otal Number above Detect	ion Limit = 0	Maximur	n Detection Limit	= 0.625	
ype of Blank	: Chrysene : Equipment Blank  04-MW-01-EB-03	MSMSD2306230826	ND	0.54	ug/L	1
ype of Blank 6/23/93	: Equipment Blank	MSMSD2306230826 MSMSD2310110812	ND ND	0.54 0.59	ug/L ug/L	1
ype of Blank 06/23/93 0/11/93	: Equipment Blank  04-MW-01-EB-03	MSMSD2310110812	ND Concent	•	ug/L C	
ype of Blank 6/23/93 0/11/93 Ti	: Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01 otal Number of Blanks = otal Number above Detect	MSMSD2310110812 2 2 ion Limit = 0	ND Concent	0.59 tration Range N	ug/L C	
ype of Blank 6/23/93 0/11/93 Ti Ti	: Equipment Blank 04-MW-01-EB-03 08-GP-01-EB-01 	MSMSD2310110812 2 2 ion Limit = 0	ND Concent	0.59 tration Range N	ug/L C	
ype of Blank 6/23/93 0/11/93  Ti Ti Method Analyte	: Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile	MSMSD2310110812 2 2 ion Limit = 0	ND Concent	0.59 tration Range N	ug/L C	
ype of Blank 6/23/93 0/11/93 Ti Method Analyte ype of Blank	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank	MSMSD2310110812 2 2 ion Limit = 0	ND Concent	0.59 tration Range N	ug/L C	
ype of Blank 6/23/93 0/11/93 Ti Method Analyte ype of Blank	: Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene	MSMSD2310110812 2 ion Limit = 0	ND Concent Maximur	0.59  tration Range N n Detection Limit	ug/L C = 0.59	
ype of Blank 6/23/93 0/11/93  Ti Method Analyte ype of Blank 6/14/93 6/15/93	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank	MSMSD2310110812 2 ion Limit = 0  Organics  MSMSD2306140820	ND Concent Maximur	0.59  tration Range N n Detection Limit	ug/L C = 0.59	1
ype of Blank 6/23/93 0/11/93 	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB	MSMSD2310110812 2 ion Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816	ND Concent Maximum ND ND	0.59  tration Range N n Detection Limit  0.54 0.54	ug/L 	1 1 1
ype of Blank 6/23/93 0/11/93  Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB  MB	MSMSD2310110812 2 ion Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814	ND Concent Maximum ND ND ND	0.59  tration Range N n Detection Limit  0.54 0.54 0.54	ug/L C = 0.59 ug/L ug/L ug/L	1 
ype of Blank 6/23/93 0/11/93 Ti Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB  MB  MB	MSMSD2310110812 2 ion Limit = 0  Corganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822	ND Concent Maximum ND ND ND ND	0.59  tration Range N n Detection Limit  0.54 0.54 0.54 0.54 0.54	ug/L	1 1 1 1
ype of Blank 6/23/93 0/11/93  Method Analyte ype of Blank 6/14/93 6/15/93 6/16/93 6/22/93 6/23/93 6/23/93	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB  MB  MB  MB	MSMSD2310110812 2 ion Limit = 0  Corganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822 MSMSD2306230826	ND Concent Maximum ND ND ND ND ND ND	0.59  tration Range N n Detection Limit  0.54 0.54 0.54 0.54 0.54 0.54	ug/L	1 1 1 1 1
ype of Blank 6/23/93 0/11/93 T.  Method Analyte ype of Blank 6/14/93 6/15/93 6/15/93 6/22/93 6/23/93 6/23/93 6/23/93 6/24/93	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB  MB  MB  MB  MB  MB	MSMSD2310110812 2 ion Limit = 0  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD2306230826 MSMSD1306231041	ND Concent Maximum ND ND ND ND ND ND ND ND ND	0.59  tration Range N n Detection Limit  0.54 0.54 0.54 0.54 0.54 0.54 0.67	ug/L	1 1 1 1 1
Method Analyte  106/23/93 10/11/93 17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB	MSMSD2310110812 2 ion Limit = 0  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD2306230826 MSMSD1306231041 MSMSD2306240908	ND Concent Maximum ND	0.59 tration Range N n Detection Limit  0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.5	ug/L	1 1 1 1 1 1
Method Analyte  106/23/93  10/11/93  The state of Blank  106/14/93  106/14/93  106/15/93  106/23/93  106/23/93  106/23/93  106/23/93  106/24/93  108/07/93  108/07/93	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812 2 ion Limit = 0  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD2306230826 MSMSD1306231041 MSMSD2306240908 MSMSD2308070819	ND Concent Maximum ND	0.59  tration Range N n Detection Limit  0.54 0.54 0.54 0.54 0.54 0.67 0.54 0.54	ug/L	1 1 1 1 1 1 1
Type of Blank 06/23/93 10/11/93 Ti Method Analyte	: Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  otal Number of Blanks = otal Number above Detect  : SW8270 - Semivolatile : Chrysene  : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812 2 ion Limit = 0  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD2306230826 MSMSD1306231041 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507	ND Concent Maximum ND	0.59  tration Range N n Detection Limit  0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.5	ug/L	1 1 1 1 1 1 1

MB

MB

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.67

0.54

0.54

0.54

09/24/93

10/08/93

10/11/93

ND

ND

ND

ug/L

ug/L

ug/L

1

1

MSMSD2309240819

MSMSD2310080817

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DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID .	ID	RESULT	LIMIT	UNITS	FACTOR
W 45 1	CU0070 Comban Latilla					
	SW8270 - Semivolatile ( Di-n-butylphthalate	rganics				
ype of Blank :	Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.32	ug/L	1
0/11/93 	08-GP-01-EB-01	MSMSD2310110812	ND 	0.36	ug/L	1
Tot	al Number of Blanks = 2		Concent	ration Range	IC	
Tot	al Number above Detectio	on Limit = 0	Maximum	Detection Limit	= 0.356	
Method :	SW8270 - Semivolatile (	)rganics				
	Di-n-butylphthalate					
ype of Blank :	Method Blank					
6/14/93	мв	MSMSD2306140820	ND	0.32	ug/L	1
6/15/93	MB	MSMSD2306150816	ND	0.32	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.32	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.32	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.32	ug/L	. 1
6/23/93	MB	MSMSD1306231041	ND	0.49	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.32	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.32	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.49	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.49	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.49	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.49	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.32	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.32	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.32	ug/L	1
Tot	al Number of Blanks = 15	)	Concent	ration Range N	IC	
	al Number above Detectio			Detection Limit		
				-		
Method :	SW8270 - Semivolatile C Di-n-octylphthalate	Organics				
Analyte ·						
	Equipment Blank					
	Equipment Blank 04-MW-01-EB-03	MSMSD2306230826	ND	0.35	ug/L	. 1

> Total Number of Blanks = 2 Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.387

Compiled: 21 April 1994

ND = Not Detected NC = Not Calculable

NA = Not Applicable

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	SAMPLE	BATCH		DETECTION		DILUTION FACTOR
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
<del></del>						
	: SW8270 - Semivolatile (	Organics				
Analyte :	Di-n-octylphthalate					
ype of Blank	Method Blank					
6/14/93	MB	MSMSD2306140820	ND	0.35	ug/L	1
6/15/93	MB	MSMSD2306150816	ND	0.35	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.35	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.35	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.91	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.35	ug/L	1
06/24/93	МВ	MSMSD2306240908	ND	0.35	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.35	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.91	ug/L	. 1
08/25/93	мВ	MSMSD1308251013	ND	0.91	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.91	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.91	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.35	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.35	ug/L	1
10/00/93	MB	MSMSD2310110812	ND	0.35	ug/L	1
Tot	cal Number of Blanks = 15			ration Range N		
		on timit — D	Mayimum	Detection Limit	= A'AII	
Tot	cal Number above Detection	on Limit - O	riax riiiaii	becegiion Emili		
			naxman	boscoron Emiro		
Method	cal Number above Detections: : SW8270 - Semivolatile ( : Dibenz(a,h)anthracene		·			
Method :	: SW8270 - Semivolatile (					
Method : Analyte : Type of Blank :	: SW8270 - Semivolatile ( : Dibenz(a,h)anthracene		ND	0.81	ug/L	1
Method : Analyte : Type of Blank : 06/23/93	: SW8270 - Semivolatile ( : Dibenz(a,h)anthracene : Equipment Blank	Organics				1 1
Method Analyte Type of Blank 06/23/93 10/11/93	: SW8270 - Semivolatile ( : Dibenz(a,h)anthracene : Equipment Blank 04-MW-01-EB-03	Organics MSMSD2306230826	ND ND Concent	0.81 0.89 ration Range N	ug/L ug/L C	
Method : Analyte : Type of Blank : 06/23/93 10/11/93	: SW8270 - Semivolatile ( : Dibenz(a,h)anthracene : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01	Organics MSMSD2306230826 MSMSD2310110812	ND ND Concent	0.81 0.89	ug/L ug/L C	
Method : Analyte : Type of Blank : 06/23/93 10/11/93Tot	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection	MSMSD2306230826 MSMSD2310110812 	ND ND Concent	0.81 0.89 ration Range N	ug/L ug/L C	
Method Analyte Type of Blank 06/23/93 10/11/93 Tot Method	: SW8270 - Semivolatile ( : Dibenz(a,h)anthracene : Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01	MSMSD2306230826 MSMSD2310110812 	ND ND Concent	0.81 0.89 ration Range N	ug/L ug/L C	
Method Analyte Type of Blank 06/23/93 10/11/93 To To Method Analyte	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene	MSMSD2306230826 MSMSD2310110812 	ND ND Concent	0.81 0.89 ration Range N	ug/L ug/L C	
Method Analyte Type of Blank D6/23/93 10/11/93 Tot Method Analyte Type of Blank	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene	MSMSD2306230826 MSMSD2310110812 	ND ND Concent Maximum	0.81 0.89 ration Range N Detection Limit	ug/L ug/L C = 0.891	1
Method Analyte Type of Blank D6/23/93 10/11/93 Tot Method Analyte Type of Blank	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene	MSMSD2306230826 MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820	ND ND Concent Maximum	0.81 0.89 ration Range N Detection Limit	ug/L ug/L C = 0.891	1
Method Analyte Type of Blank 06/23/93 10/11/93 Tot Method Analyte Type of Blank	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene  Method Blank	MSMSD2306230826 MSMSD2310110812 	ND ND Concent Maximum	0.81 0.89 	ug/L ug/L C C = 0.891 ug/L ug/L	1 1 1
Method Analyte Type of Blank 06/23/93 10/11/93 Tot Method Analyte Type of Blank	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene  Method Blank  MB	MSMSD2306230826 MSMSD2310110812  on Limit = 0  Organics  MSMSD2306140820	ND ND Concent Maximum	0.81 0.89 	ug/L ug/L C = 0.891 ug/L ug/L ug/L	1 1 1
Method Analyte Type of Blank  06/23/93 10/11/93  Tot  Method Analyte  Type of Blank  06/14/93 06/15/93 06/16/93	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene  Method Blank  MB  MB	MSMSD2306230826 MSMSD2310110812 On Limit = 0 Organics MSMSD2306140820 MSMSD2306150816	ND ND Concent Maximum ND ND	0.81 0.89 	ug/L ug/L C C = 0.891 ug/L ug/L ug/L	1 1 1
Method Analyte Type of Blank 26/23/93 10/11/93 To Method Analyte Type of Blank 06/14/93 06/15/93 06/15/93	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene  Method Blank  MB  MB  MB	MSMSD2306230826 MSMSD2310110812  On Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814	ND ND Concent Maximum ND ND ND	0.81 0.89 	ug/L ug/L C = 0.891 ug/L ug/L ug/L	1 1 1
Method : Analyte : Type of Blank : 06/23/93 10/11/93  To: Method Analyte Type of Blank 06/14/93 06/15/93 06/15/93 06/22/93 06/23/93	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03 08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene  Method Blank  MB  MB  MB  MB	MSMSD2306230826 MSMSD2310110812  Drganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822	ND ND Concent Maximum ND ND ND ND	0.81 0.89 	ug/L ug/L C C = 0.891 ug/L ug/L ug/L	1 1 1 1
Method Analyte Type of Blank 06/23/93 10/11/93 Tot Method	SW8270 - Semivolatile ( Dibenz(a,h)anthracene Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  tal Number of Blanks = 2 tal Number above Detection  SW8270 - Semivolatile ( Dibenz(a,h)anthracene  Method Blank  MB  MB  MB  MB  MB  MB	MSMSD2306230826 MSMSD2310110812  Drganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD2306230826	ND ND Concent Maximum ND ND ND ND ND	0.81 0.89 	ug/L ug/L C = 0.891 ug/L ug/L ug/L ug/L	1 1 1 1 1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	ethod : SW8270 - Semivo alyte : Dibenz(a,h)anth	•				
	Blank : Method Blank					
08/17/93	MB	MSMSD1308171507	ND	0.47	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.47	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.47	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.47	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.81	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.81	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.81	ug/L	1
To	tal Number of Blanks =	15	Concent	ration Range N	C	
To	tal Number above Detect	ion Limit = 0	Maximum	n Detection Limit	= 0.811	
	: SW8270 - Semivolatile : Dibenzofuran	organics				
Type of Blank	: Equipment Blank					
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.54	ug/L	1

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.54	ug/L	1
10/11/93	08-GP-01-FB-01	MSMSD2310110812	ND	0.59	ua/l	1

Total Number of Blanks = 2 Concentration Range NC Maximum Detection Limit = 0.59Total Number above Detection Limit = 0

Method : SW8270 - Semivolatile Organics

Analyte : Dibenzofuran

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.54	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.54	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.54	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.54	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.41	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.54	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.54	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.54	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.41	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.41	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.41	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.54	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.54	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.54	ug/L	1

Total Number of Blanks = 14 Concentration Range NC

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DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8270 - Semivolatile Organics

Analyte : Dibenzofuran, cont.

Type of Blank: Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.54

Method: SW8270 - Semivolatile Organics

Analyte : Diethylphthalate

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.52	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.57	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.566

Method: SW8270 - Semivolatile Organics

Analyte : Diethylphthalate

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.52	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.52	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.52	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.52	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.52	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.34	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.52	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.52	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.34	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.34	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.34	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.34	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.52	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.52	ug/L	1
10/11/93	МВ	MSMSD2310110812	ND	0.52	ug/L	1
-						

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.52

Method: SW8270 - Semivolatile Organics

Analyte : Dimethylphthalate

Type of Blank: Equipment Blank

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

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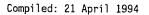
* - Value considered suspect, refer to QC report

DATE	SAMPLE	ВАТСН		DETECTION		DIÉUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	ethod : SW8270 - Semivola alyte : Dimethylphthalato					
Type of I	Blank : Equipment Blank	·				
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.34	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.37	ug/L	1
Tot	tal Number of Blanks = 2		Concent	ration Range N	IC	
Tot	tal Number above Detectio	on Limit = 0	Maximum	Detection Limit	= 0.369	
Method :	: SW8270 - Semivolatile (	)rganics				
Analyte:	: Dimethylphthalate					
	W (1   1   12   1					
ype of Blank :	: Method Blank					
06/14/93	MB	MSMSD2306140820	ND	0.34	ug/L	1
6/15/93	MB	MSMSD2306150816	ND	0.34	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.34	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.34	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.34	ug/L	1
6/23/93	MB	MSMSD1306231041	ND	0.28	ug/L	1
6/24/93	<b>M</b> B	MSMSD2306240908	ND	0.34	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.34	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.28	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.28	ug/L	1
9/20/93	МВ	MSMSD1309201450	ND	0.28	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.28	ug/L	1
9/24/93	МВ	MSMSD2309240819	ND	0.34	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.34	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.34	ug/L	1
Tot	al Number of Blanks = 15		Concent	ration Range N	 C	
	al Number above Detection			Detection Limit		
	SW8270 - Semivolatile C	<del>-</del>				
Analyte :	Diphenylamine/N-Nitroso	DPA				
vpe of Blank :	Equipment Blank					
<b>3</b> p =						
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.27	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.296



ND = Not Detected

NC = Not Calculable

NA = Not Applicable

	TABLE B-7 DETAI	LED LISTING OF LIQUID B	LANKS RESULTS -	- WATER SAMPLES G	ALENA 1993 E	VENT
DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	: SW8270 - Semivolatile	=				
Analyte	: Diphenylamine/N-Nitros	OUPA				
ype of Blank	: Method Blank					
6/14/93	MB	MSMSD2306140820	ND	0.27	ug/L	1
6/15/93	MB	MSMSD2306150816	ND	0.27	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.27	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.27	ug/L	1
6/23/93	• MB	MSMSD2306230826	ND	0.27	ug/L	1
6/23/93	MB	MSMSD1306231041	ND	0.56	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.27	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.28	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.57	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	0.57	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.57	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.27	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.27	ug/L	1
0/11/93 	MB	MSMSD2310110812	ND	0.27	ug/L.	1
To	otal Number of Blanks = 1	4	Concent	ration Range NC	,	
To	otal Number above Detection	on Limit = 0	Maximum	Detection Limit	= 0.566	
	·	•				
	: SW8270 - Semivolatile : Fluoranthene	Organics				
ype of Blank	: Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.47	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.52	ug/L	1

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.47	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.52	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.518

Method : SW8270 - Semivolatile Organics

Analyte : Fluoranthene

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.47	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.47	ug/L	1
06/16/93	<b>M</b> B	MSMSD2306160814	ND	0.47	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.47	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.64	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.47	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.47	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.47	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.64	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

ΔR	!		

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		,				
	ethod : SW8270 - Semivo alyte : Fluoranthene, c	•				
Att	alyte . Iluolanthene, c	0110.				
	Blank : Method Blank	one.				
	•	MSMSD1308251013	ND	0.64	ug/L	1
Type of	Blank : Method Blank		ND ND	0.64 0.64	ug/L ug/L	1 1
Type of 3 /25/93 /20/93	Blank : Method Blank	MSMSD1308251013			_	1 1 1
Type of 1 /25/93 /20/93 /23/93	Blank : Method Blank MB MB	MSMSD1308251013 MSMSD1309201450	ND	0.64	ug/L	1 1 1 1
Type of 1	Blank : Method Blank  MB  MB  MB	MSMSD1308251013 MSMSD1309201450 MSMSD1309230953	ND ND	0.64 0.64	ug/L ug/L	1 1 1 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.64

Method : SW8270 - Semivolatile Organics

Analyte : Fluorene

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.38	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.42	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.418

Method : SW8270 - Semivolatile Organics

Analyte : Fluorene

Type of Blank: Method Blank

06/14/93	<b>M</b> B	MSMSD2306140820	ND	0.38	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.38	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.38	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.38	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.38	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.34	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.38	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.38	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.34	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.34	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.34	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.34	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.38	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.38	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.38	ug/L	1

Total Number of Blanks = 15

Concentration Range NC

TABLE B-7

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8270 - Semivolatile Organics

Analyte : Fluorene, cont.

Type of Blank: Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.38

Method: SW8270 - Semivolatile Organics

Analyte : Hexachlorobenzene

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.31	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.35	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.345

Method: SW8270 - Semivolatile Organics

Analyte : Hexachlorobenzene

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.31	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.31	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.31	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.31	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.31	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.23	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.31	ug/L	1 .
08/07/93	<b>M</b> B	MSMSD2308070819	ND	0.31	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.23	ug/L	. 1
08/25/93	MB	MSMSD1308251013	ND	0.23	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.23	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.23	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.31	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.31	ug/L	1
10/11/93	MB ·	MSMSD2310110812	ND	0.31	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.314

B7-203

Method : SW8270 - Semivolatile Organics

Analyte : Hexachlorobutadiene

Type of Blank: Equipment Blank

NA = Not Applicable Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable * ~ Value considered suspect, refer to QC report

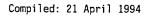
DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	ethod : SW8270 - Semivola alyte : Hexachlorobutadia	-				
	Blank : Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.51	ug/L	1
0/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.56	ug/L	1
Tot	tal Number of Blanks = 2		Concent	tration Range NO	;	
Tot	tal Number above Detection	on Limit = 0	Maximum	n Detection Limit	= 0.563	
	: Hexachlorobutadiene : Method Blank					
6/14/93	MB	MSMSD2306140820	ND	0.51	ug/L	1
5/15/93	MB	MSMSD2306150816	ND	0.51	ug/L	1
/16/93	MB	MSMSD2306160814	ND	0.51	ug/L	1
/22/93	MB	MSMSD2306220822	ND	0.51	ug/L	1
/23/93	MB MB	MSMSD2306230826	ND	0.51	ug/L	1
/23/93 /24/93	MB MB	MSMSD1306231041 MSMSD2306240908	ND ND	0.70	ug/L	1
/24/93 /07/93	MB	MSMSD2308240908	ND ND	0.51 0.51	ug/L ug/L	1 1
/17/93	MB	MSMSD1308171507	ND	0.70	ug/L	1
/25/93	MB	MSMSD1308251013	ND	0.70	ug/L	1
/20/93	MB	MSMSD1309201450	ND	0.70	ug/L	1
/23/93	MB	MSMSD1309230953	ND	0.70	ug/L	1
/24/93	MB	MSMSD2309240819	ND	0.51	ug/L	1
/08/93	MB	MSMSD2310080817	ND	0.51	ug/L	1
/11/93 	MB 	MSMSD2310110812	ND	0.51	ug/L	1
Tot	al Number of Blanks = 15	i		ration Range NC		
Tot	al Number above Detection	n Limit = 0	Maximum	Detection Limit	= 0.7	
	SW8270 - Semivolatile 0 Hexachlorocyclopentadie	•				
		·· <del>-</del>				
a.£ 101l	Equipment Blank					

 06/23/93
 04-MW-01-EB-03
 MSMSD2306230826
 ND
 5.9
 ug/L
 1

 10/11/93
 08-GP-01-EB-01
 MSMSD2310110812
 ND
 6.5
 ug/L
 1

Total Number of Blanks = 2
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 6.47



DATE	SAMPLE ID	BATCH ID	RESULŤ	DETECTION LIMIT	UNITS	DILUTIO FACTOR
ANALYZED						
. لمحاضما	SW8270 - Semivolatile C	lwasni oo				
	Hexachlorocyclopentadie					
ype of Blank :	Method Blank					
06/14/93	МВ	MSMSD2306140820	ND	5.9	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	5.9	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	5.9	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	5.9	ug/L	1
6/23/93	MB	MSMSD1306231041	· ND	8.9	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	5.9	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	5.9	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	5.9	ug/L	1
8/17/93	МВ	MSMSD1308171507	ND	8.9	ug/L	1
8/25/93	MB	MSMSD1308251013	ND	8.9	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	8.9	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	5.9	ug/L	1
.0/08/93	MB	MSMSD2310080817	ND	5.9	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	5.9	ug/L	1
	al Number of Blanks = 14 al Number above Detectio			ration Range N n Detection Limit		
Tota	al Number above Detectio	on Limit = 0				
Tota Method :		on Limit = 0				
Tota Method : Analyte :	al Number above Detection SW8270 - Semivolatile C	on Limit = 0				
Total Method : Analyte : Type of Blank : 16/23/93	al Number above Detection  SW8270 - Semivolatile Communication  Hexachloroethane  Equipment Blank  04-MW-01-EB-03	on Limit = 0 Organics MSMSD2306230826	Maximun ND	Detection Limit	= 8.92 ug/L	1
Total Method : Analyte : Type of Blank : 06/23/93	al Number above Detection SW8270 - Semivolatile C Hexachloroethane Equipment Blank	on Limit = 0 Organics	Maximum	n Detection Limit	= 8.92	1 1
Method : Analyte : Type of Blank : 06/23/93 0/11/93	SW8270 - Semivolatile Comment Blank  04-MW-01-EB-03 08-GP-01-EB-01	on Limit = 0 Organics MSMSD2306230826 MSMSD2310110812	Maximum ND ND Concent	0.63 0.70 cration Range N	= 8.92 ug/L ug/L	
Method :	SW8270 - Semivolatile C Hexachloroethane Equipment Blank 04-MW-01-EB-03 08-GP-01-EB-01	on Limit = 0 Organics MSMSD2306230826 MSMSD2310110812	Maximum ND ND Concent	0.63	= 8.92 ug/L ug/L	
Method: Analyte:  Type of Blank:  106/23/93 10/11/93  Tot. Tot.  Method:	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection	on Limit = 0  Organics  MSMSD2306230826  MSMSD2310110812  On Limit = 0	Maximum ND ND Concent	0.63 0.70 cration Range N	= 8.92 ug/L ug/L	
Method : Analyte : Type of Blank : Analyte : Tot. Tot. Method :	SW8270 - Semivolatile O Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection	on Limit = 0  Organics  MSMSD2306230826  MSMSD2310110812  On Limit = 0	Maximum ND ND Concent	0.63 0.70 cration Range N	= 8.92 ug/L ug/L	
Method : Analyte : Type of Blank : 06/23/93 0/11/93 Tot. Tot. Method :	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane	on Limit = 0  Organics  MSMSD2306230826  MSMSD2310110812  On Limit = 0	Maximum ND ND Concent	0.63 0.70 cration Range N	= 8.92 ug/L ug/L	
Method: Analyte:  Type of Blank:  16/23/93 0/11/93 Tot. Tot.  Method: Analyte:  Type of Blank:	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB	On Limit = 0  Organics  MSMSD2306230826 MSMSD2310110812  On Limit = 0  Organics  MSMSD2306140820	ND ND Concent Maximum	0.63 0.70 cration Range N n Detection Limit	ug/L ug/L C = 0.698	1
Method : Analyte :  Type of Blank :  16/23/93 0/11/93 Tot Tot  Method : Analyte :  Type of Blank :  Type of Blank :  16/14/93 16/15/93	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB  MB	On Limit = 0  Organics  MSMSD2306230826 MSMSD2310110812  On Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816	ND ND Concent Maximum ND ND	0.63 0.70 cration Range N n Detection Limit	ug/L ug/L C = 0.698	1 1 1
Method : Analyte :  Type of Blank :  16/23/93 0/11/93 Tot Tot  Method : Analyte :  Type of Blank :  Type of Blank :  16/14/93 16/15/93	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB	MSMSD2306230826 MSMSD2310110812  Drganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814	ND ND Concent Maximum ND ND	0.63 0.70 cration Range N n Detection Limit 0.63 0.63 0.63	ug/L ug/L C = 0.698	1 1 1 1
Method: Analyte:  Type of Blank:  16/23/93 0/11/93  Tot.  Tot.  Method: Analyte:	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB  MB  MB  MB	MSMSD2306230826 MSMSD2310110812  Drganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822	ND ND Concent Maximum ND ND ND	0.63 0.70 cration Range N n Detection Limit 0.63 0.63 0.63 0.63	ug/L ug/L C = 0.698 ug/L ug/L ug/L	1 1 1 1
Method: Analyte:  Sype of Blank:  16/23/93 0/11/93 Tot.  Tot.  Method: Analyte:  Sype of Blank:  16/14/93 16/15/93 16/16/93	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB  MB  MB	MSMSD2306230826 MSMSD2310110812  Drganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD2306230826	ND ND Concent Maximum ND ND ND ND	0.63 0.70 Cration Range N n Detection Limit 0.63 0.63 0.63 0.63 0.63	ug/L ug/L  C = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Method: Analyte:  Sype of Blank:  6/23/93 0/11/93  Tot.  Tot.  Method: Analyte:  Sype of Blank:  6/14/93 16/15/93 16/16/93 16/22/93 16/23/93	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB  MB  MB  MB	MSMSD2306230826 MSMSD2310110812 On Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822 MSMSD2306230826 MSMSD1306231041	ND ND Concent Maximum ND ND ND ND	0.63 0.70 Cration Range N n Detection Limit 0.63 0.63 0.63 0.63 0.63 0.63	ug/L ug/L  C = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Method: Analyte:  Sype of Blank:  6/23/93 0/11/93 Tot.  Tot.  Method: Analyte:  Sype of Blank:  6/14/93 6/15/93 6/15/93 6/23/93 6/23/93 6/23/93	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB  MB  MB  MB  MB  MB	MSMSD2306230826 MSMSD2310110812  Drganics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD230620822 MSMSD2306230826 MSMSD2306230826 MSMSD1306231041 MSMSD2306240908	ND ND Concent Maximum ND	0.63 0.70 cration Range N n Detection Limit 0.63 0.63 0.63 0.63 0.63 0.63 0.63	ug/L ug/L C = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1
Method: Analyte:  Sype of Blank:  16/23/93 00/11/93  Tot.  Tot.  Method: Analyte:  Sype of Blank:  16/14/93 16/15/93 16/16/93 16/22/93	SW8270 - Semivolatile ( Hexachloroethane  Equipment Blank  04-MW-01-EB-03  08-GP-01-EB-01  al Number of Blanks = 2 al Number above Detection  SW8270 - Semivolatile ( Hexachloroethane  Method Blank  MB  MB  MB  MB  MB  MB  MB	MSMSD2306230826 MSMSD2310110812 On Limit = 0  Organics  MSMSD2306140820 MSMSD2306150816 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822 MSMSD2306230826 MSMSD1306231041	ND ND Concent Maximum ND ND ND ND	0.63 0.70 Cration Range N n Detection Limit 0.63 0.63 0.63 0.63 0.63 0.63	ug/L ug/L  C = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable B7-205

^{* -} Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Me	thod : SW8270 - Semiv	volatile Organics				
	lyte : Hexachloroetha	•				
Type of E	lank : Method Blank					
3/25/93	MB	MSMSD1308251013	ND	0.59	ug/L	1
/20/93	MB	MSMSD1309201450	ND	0.59	ug/L	1
/23/93	MB	MSMSD1309230953	ND	0.59	ug/L	1
7/24/93	MB	MSMSD2309240819	ND	0.64	ug/L	1
0/08/93	· MB	MSMSD2310080817	ND	0.64	ug/L	1
)/11/93	MB	MSMSD2310110812	ND	0.64	ug/L	1
Tot	al Number of Blanks =	: 15	Concent	ration Range N	IC	
Tot	al Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 0.635	

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	1.3	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	1.5	ug/L	1

Total Number of Blanks = 2 Concentration Range NC Total Number above Detection Limit = 0 Maximum Detection Limit = 1.46

Method : SW8270 - Semivolatile Organics

Analyte : Indeno(1,2,3-cd)pyrene

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	1.3	ug/L	1
06/15/93	MB.	MSMSD2306150816	ND	1.3	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	1.3	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	1.3	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	1.3	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.52	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	1.3	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	1.3	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.53	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.53	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.53	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	1.3	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	1.3	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	1.3	ug/L	1

Total Number of Blanks = 15 Concentration Range

TA	В		_	D	7
18	D	L	Е.	D	-,

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Method: SW8270 - Semivolatile Organics Analyte : Indeno(1,2,3-cd)pyrene, cont.

Type of Blank : Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 1.33

Method: SW8270 - Semivolatile Organics

Analyte : Isophorone

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.62	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.68	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.677

Method: SW8270 - Semivolatile Organics

Analyte : Isophorone

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.62	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.62	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.62	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.62	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.29	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.62	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.62	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.62	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.29	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.29	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.29	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.29	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.62	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.62	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.62	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.62

Method: SW8270 - Semivolatile Organics Analyte : N-Nitroso-di-n-propylamine

Type of Blank : Equipment Blank

ND = Not Detected NC = Not Calculable Compiled: 21 April 1994

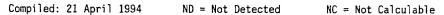
NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	thod : SW8270 - Semivola lyte : N-Nitroso-di-n-pr					
Type of B	lank : Equipment Blank					
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.65	ug/L	1
10/11/93 	08-GP-01-EB-01	MSMSD2310110812	ND	0.72	ug/L 	1
	al Number of Blanks = 2 al Number above Detectio	n Limit = 0		ration Range No Detection Limit		
Makhad .	CHO070 C:1-+:1- 0					
	SW8270 - Semivolatile O N-Nitroso-di-n-propylam	=				
Anaryte.	n areroso ar n-propyran					
Type of Blank :	Method Blank					
06/14/93	MB	MSMSD2306140820	ND	0.65	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.65	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.65	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.65	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.75	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.65	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.65	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.65	ug/L	1
08/17/93 08/25/93	MB	MSMSD1308171507	ND	0.75	ug/L	1
	MB	MSMSD1308251013	ND	0.75	ug/L	1
19/20/93 19/23/93	MB MB	MSMSD1309201450 MSMSD1309230953	ND ND	0.75	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.75 0.65	ug/L	1
10/08/93	MB	MSMSD2310080817	ND ND	0.65	ug/L ug/L	1
0/11/93	MB	MSMSD2310000017	ND	0.65	ug/L ug/L	1
Tota	al Number of Blanks = 15		Concent	ration Range NO		
	al Number above Detectio			Detection Limit		
. 500			, was a recent	Table Comments		
	SW8270 - Semivolatile O Naphthalene	rganics				
ype of Blank :	Equipment Blank					
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.48	ug/L	1
				· · · · · · · · · · · · · · · · · · ·		

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.525



DATE	SAMPLE	BATCH		DETECTION		DILUTIO
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Mothod	: SW8270 - Semivolatil	o Organics			~~~~	
	: Naphthalene	e organics				
ype of Blank	: Method Blank					
6/14/93	МВ	MSMSD2306140820	ND	0.48	ug/L	1
6/15/93	MB	MSMSD2306150816	ND	0.48	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.48	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.48	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.48	ug/L	1
5/23/93	MB	MSMSD1306231041	ND	0.73	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.48	ug/L	1
3/07/93	MB	MSMSD2308070819	ND	0.48	ug/L	1
3/17/93	MB	MSMSD1308171507	ND	0.73	ug/L	1
3/25/93	MB	MSMSD1308251013	ND	0.73	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.73	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.73	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.48	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.48	ug/L	1
0/11/93	МВ	MSMSD2310110812	ND	0.48	ug/L	1
To	tal Number of Blanks =	15	Concent	ration Range N	;	
To	tal Number above Detec	tion Limit = 0	Maximum	n Detection Limit	= 0.73	
	: SW8270 - Semivolatil : Nitrobenzene	e Organics				,
ype of Blank	: Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.84	ug/L	1

10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.93	ug/L	1	
			ND	0.03	/1	1	
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.84	ug/L	1	

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.925

Method : SW8270 - Semivolatile Organics

Analyte : Nitrobenzene

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.84	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.84	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.84	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.84	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.53	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.84	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.84	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.84	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
				***-**		
Me	ethod : SW8270 - Semiv	olatile Organics				
Ana	alyte : Nitrobenzene,	cont.				
Type of E	Blank : Method Blank					
08/17/93	МВ	MSMSD1308171507	ND	0.53	ug/L	1
08/25/93	МВ	MSMSD1308251013	ND	0.53	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.53	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.53	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.84	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.84	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.84	ug/L	1
Tot	al Number of Blanks =	15	Concent	ration Range N	 C	
Tot	al Number above Detect	tion Limit = 0	Maximum	Detection Limit	= 0.842	

Method : SW8270 - Semivolatile Organics

Analyte : Pentachlorophenol

Type of Blank : Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.89	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.98	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.977

Method : SW8270 - Semivolatile Organics

Analyte : Pentachlorophenol

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.89	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.89	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.89	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.89	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.86	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.89	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.89	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.89	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.86	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.86	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.86	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.86	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.89	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.89	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.89	ug/L	1

DATE SAMPLE BATCH DETECTION DILUTION
ANALYZED ID ID RESULT LIMIT UNITS FACTOR

Method: SW8270 - Semivolatile Organics

Analyte : Pentachlorophenol, cont.

Type of Blank : Method Blank

Total Number of Blanks = 15
Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.89

Method: SW8270 - Semivolatile Organics

Analyte : Phenanthrene

Type of Blank : Equipment Blank

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.514

Method: SW8270 - Semivolatile Organics

Analyte : Phenanthrene

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.47	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.47	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.47	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.47	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.62	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.47	ug/L	1 .
06/24/93	MB	MSMSD2306240908	ND	0.47	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.47	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.62	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.62	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.62	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.62	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.47	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.47	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.47	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.622

Method: SW8270 - Semivolatile Organics

Analyte : Phenol

Type of Blank : Equipment Blank

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.88	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.97	ug/L	1

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.97

Method : SW8270 - Semivolatile Organics

Analyte : Phenol

Type of Blank: Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.88	ug/L	1
06/15/93	<b>M</b> B	MSMSD2306150816	ND	0.88	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.88	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.88	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.88	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.40	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.88	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.88	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.40	ug/L	1
08/25/93	MB	MSMSD1308251013	ND	0.40	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.40	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.40	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.88	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.88	ug/L	1
10/11/93	MB	MSMSD2310110812	ND	0.88	ug/L	1

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.883

Method: SW8270 - Semivolatile Organics

Analyte : Pyrene

Type of Blank: Equipment Blank

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.41	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.45	ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.448

Method : SW8270 - Semivolatile Organics

Analyte : Pyrene

Type of Blank : Method Blank

06/14/93 MB MSMSD2306140820 ND 0.41 ug/L 1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-212

* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
~~~~~~						
	Method : SW8270 - Semi	volatile Organics				
	Analyte : Pyrene, cont.					
Туре	of Blank : Method Blank					
6/15/93	МВ	MSMSD2306150816	ND	0.41	ug/L	1
6/16/93	MB	MSMSD2306160814	ND	0.41	ug/L	1
6/22/93	MB	MSMSD2306220822	ND	0.41	ug/L	1
6/23/93	MB	MSMSD2306230826	ND	0.41	ug/L	1
6/23/93	MB	MSMSD1306231041	ND	0.47	ug/L	1
6/24/93	MB	MSMSD2306240908	ND	0.41	ug/L	1
8/07/93	MB	MSMSD2308070819	ND	0.41	ug/L	1
8/17/93	MB	MSMSD1308171507	ND	0.47	ug/L	1
8/25/93	MB .	MSMSD1308251013	ND	0.47	ug/L	1
9/20/93	MB	MSMSD1309201450	ND	0.47	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.47	ug/L	1
9/24/93	MB	MSMSD2309240819	ND	0.41	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.41	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.41	ug/L	1
	Total Number of Blanks =	: 15	Concent	ration Range N(;	
	Total Number above Detec	tion Limit = 0	Maximum	Detection Limit	= 0.47	
		•				
	nod : SW8270 - Semivolatil	_				
Analy	yte : bis(2-Chloroethoxy)π	ethane				
ype of Bla	ank : Equipment Blank					
6/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.61	ug/L	1
	08-GP-01-EB-01	MSMSD2310110812	ND	0.67	ug/L	1

06/23/93	04-MW-01-EB-03	MSMSD2306230826	ND	0.61	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	ND	0.67	ug/L	1

Total Number above Detection Limit = 0

Concentration Range

Maximum Detection Limit = 0.666

Method : SW8270 - Semivolatile Organics Analyte : bis(2-Chloroethoxy)methane

Type	of	B1ank	:	Method	Blank
------	----	-------	---	--------	-------

06/14/93	MB	MSMSD2306140820	ND	0.61	ug/L	1
06/15/93	MB	MSMSD2306150816	. ND	0.61	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.61	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.61	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.61	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.56	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.61	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.61	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.56	ug/L	1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-213

* - Value considered suspect, refer to QC report

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	~~~~~					
	Method : SW8270 - Semivo	latile Organics				
	Analyte : bis(2-Chloroeth					
Туре	of Blank : Method Blank					
8/25/93	MB	MSMSD1308251013	ND	0.56	ug/L	1
9/20/93	МВ	MSMSD1309201450	ND	0.56	ug/L	1
9/23/93	MB	MSMSD1309230953	ND	0.56	ug/L	1
9/24/93	<b>M</b> B	MSMSD2309240819	ND	0.61	ug/L	1
0/08/93	MB	MSMSD2310080817	ND	0.61	ug/L	1
0/11/93	MB	MSMSD2310110812	ND	0.61	ug/L	1
	Total Number of Blanks =		Concent	ration Range N	IC	
	Total Number above Detect	ion Limit = 0	Maximum	n Detection Limit	= 0.61	
Wa+	had . CU9270 Camiualatila	Onnerica				
	hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth					
ype of Bl	ank : Equipment Blank					
·	ank : Equipment Blank 04-MW-01-EB-03	MSMSD2306230826	ND	0.38	ug/L	1
6/23/93		MSMSD2306230826 MSMSD2310110812	ND ND	0.38 0.42	ug/L ug/L	1 1
6/23/93	04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks =	MSMSD2310110812 2 2	ND	0.42	-	
%ype of Bla 6/23/93 0/11/93	04-MW-01-EB-03 08-GP-01-EB-01	MSMSD2310110812 2 2	ND Concent	0.42	ug/L  C	
6/23/93 0/11/93 	04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks = Total Number above Detect	MSMSD2310110812 2 2 ion Limit = 0	ND Concent	0.42  ration Range N	ug/L  C	
6/23/93 0/11/93 	04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks =	MSMSD2310110812 2 2 ion Limit = 0 Organics	ND Concent	0.42  ration Range N	ug/L  C	
6/23/93 0/11/93  Meth Analy	04-MW-01-EB-03 08-GP-01-EB-01 Total Number of Blanks = Total Number above Detect	MSMSD2310110812 2 2 ion Limit = 0 Organics	ND Concent	0.42  ration Range N	ug/L  C	
6/23/93 0/11/93  Meth Analy	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth	MSMSD2310110812 2 2 ion Limit = 0 Organics	ND Concent	0.42  ration Range N	ug/L  C	
6/23/93 0/11/93  Meth Analy ype of Bla	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank	MSMSD2310110812 2 2 ion Limit = 0 Organics er	ND Concent Maximum	0.42 	ug/L C = 0.421	1
Meth Analy pe of Bla 6/14/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB	MSMSD2310110812 2 ion Limit = 0  Organics er  MSMSD2306140820	ND Concent Maximuπ	0.42 ration Range N n Detection Limit	ug/L C = 0.421	1
Meth Analy pe of Bla 6/14/93 6/15/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB MB	MSMSD23101108122  ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816	ND Concent Maximuπ ND ND	0.42	ug/L 	1 1 1
Meth Analy ype of Bla 5/14/93 5/15/93 5/16/93 5/22/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB MB MB	MSMSD23101108122 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814	ND Concent Maximum ND ND ND	0.42 cration Range N n Detection Limit  0.38 0.38 0.38	ug/L .= 0.421  ug/L ug/L ug/L	1 1 1 1
Meth Analy 7pe of Bla 5/14/93 5/15/93 5/16/93 5/22/93 5/23/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB MB MB MB MB	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822	ND Concent Maximum ND ND ND ND	0.42 cration Range N n Detection Limit  0.38 0.38 0.38 0.38 0.38	ug/L  = 0.421  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1
Meth Analy Tpe of Bla 3/14/93 3/15/93 3/16/93 3/22/93 3/23/93 3/23/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB  MB  MB  MB  MB  MB	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD2306220822 MSMSD1306231041	ND Concent Maximum ND ND ND ND ND ND ND ND ND	0.42 cration Range N n Detection Limit  0.38 0.38 0.38 0.38 0.38 0.73	ug/L	1 1 1 1 1
Meth Analy 711/93 Meth Analy 715/93 715/93 716/93 722/93 723/93 723/93 724/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB MB MB MB MB MB MB MB	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826	ND Concent Maximum  ND	0.42  Pration Range Note that the second sec	ug/L  C  = 0.421  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1
Meth Analy Tpe of Bla 3/15/93 3/15/93 3/22/93 3/23/93 3/23/93 3/24/93 3/07/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908	ND Concent Maximum  ND	0.42  Pration Range Note that the second sec	ug/L  C  = 0.421  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1 1 1
Meth Analy Tpe of Bla 5/14/93 5/15/93 5/15/93 5/22/93 5/23/93 5/23/93 5/23/93 5/24/93 5/07/93 5/17/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308070819	ND Concent Maximum  ND	0.42	ug/L	1 1 1 1 1 1 1 1
Meth Analy Type of Bla 3/14/93 3/15/93 3/22/93 3/23/93 3/23/93 3/23/93 3/24/93 3/27/93 3/25/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306160814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2308270819 MSMSD1308171507 MSMSD1308251013	ND Concent Maximum  ND	0.42  Pration Range Note that the second sec	ug/L	1 1 1 1 1 1 1 1 1
Meth Analy Ape of Bla 5/14/93 5/15/93 5/16/93 5/22/93 5/23/93 5/23/93 5/23/93 5/24/93 5/27/93 5/25/93 6/25/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2306240908 MSMSD2308070819 MSMSD1308251013 MSMSD1309201450	ND Concent Maximum  ND	0.42  Pration Range Note that the second sec	ug/L	1 1 1 1 1 1 1 1 1 1
Meth Analy Ape of Bla 5/14/93 5/15/93 5/22/93 5/22/93 5/23/93 5/23/93 5/24/93 8/07/93 8/17/93 8/25/93 1/20/93 1/23/93	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD230620822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2306240908 MSMSD2308070819 MSMSD1308171507 MSMSD1308251013 MSMSD1309201450 MSMSD1309230953	ND Concent Maximum  ND	0.42  Pration Range Note that the second sec	ug/L  Ug/L	1 1 1 1 1 1 1 1 1 1
6/23/93 0/11/93  Meth Analy	04-MW-01-EB-03 08-GP-01-EB-01  Total Number of Blanks = Total Number above Detect  hod : SW8270 - Semivolatile yte : bis(2-Chloroethyl)eth ank : Method Blank  MB  MB  MB  MB  MB  MB  MB  MB  MB  M	MSMSD2310110812  2 ion Limit = 0  Organics er  MSMSD2306140820 MSMSD2306150816 MSMSD2306150814 MSMSD2306220822 MSMSD1306231041 MSMSD2306230826 MSMSD2306240908 MSMSD2306240908 MSMSD2308070819 MSMSD1308251013 MSMSD1309201450	ND Concent Maximum  ND	0.42  Pration Range Note that the second sec	ug/L	1 1 1 1 1 1 1 1 1 1

Concentration Range


ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
DATE	SAMPLE	BATCH		DETECTION		DILUTION

Method: SW8270 - Semivolatile Organics Analyte: bis(2-Chloroethyl)ether, cont.

Type of Blank : Method Blank

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.732

Method : SW8270 - Semivolatile Organics Analyte : bis(2-Chloroisopropyl)ether

Type of Blank: Equipment Blank

06/23/93 04-MW-01-EB-03 MSMSD2306230826 ND 0.80 ug/L 1 1 10/11/93 08-GP-01-EB-01 MSMSD2310110812 ND 0.88 ug/L 1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.877

Method : SW8270 - Semivolatile Organics Analyte : bis(2-Chloroisopropyl)ether

Type of Blank : Method Blank

06/14/93	MB	MSMSD2306140820	ND	0.80	ug/L	1
06/15/93	MB	MSMSD2306150816	ND	0.80	ug/L	1
06/16/93	MB	MSMSD2306160814	ND	0.80	ug/L	1
06/22/93	MB	MSMSD2306220822	ND	0.80	ug/L	1
06/23/93	MB	MSMSD2306230826	ND	0.80	ug/L	1
06/23/93	MB	MSMSD1306231041	ND	0.73	ug/L	1
06/24/93	MB	MSMSD2306240908	ND	0.80	ug/L	1
08/07/93	MB	MSMSD2308070819	ND	0.80	ug/L	1
08/17/93	MB	MSMSD1308171507	ND	0.73	ug/L	1
08/25/93	МВ	MSMSD1308251013	ND	0.73	ug/L	1
09/20/93	MB	MSMSD1309201450	ND	0.73	ug/L	1
09/23/93	MB	MSMSD1309230953	ND	0.73	ug/L	1
09/24/93	MB	MSMSD2309240819	ND	0.80	ug/L	1
10/08/93	MB	MSMSD2310080817	ND	0.80	ug/L	1
10/11/93	MB	. MSMSD2310110812	ND	0.80	ug/L	1
,,		•				

Total Number of Blanks = 15

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.8

Method : SW8270 - Semivolatile Organics Analyte : bis(2-Ethylhexyl)phthalate

Type of Blank: Equipment Blank

TABLE B-7

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
м	ethod : SW8270 - Semivola	atile Organics					
	alyte : bis(2-Ethylhexyl)						
Type of	Blank : Equipment Blank						
06/23/93	04-MW-01-EB-03	MSMSD2306230826	154.0	(B)	0.58	ug/L	1
10/11/93	08-GP-01-EB-01	MSMSD2310110812	0.32	(1)	0.64	ug/L	1
To	tal Number of Blanks = 2		Cond	centrati	ion Range 1	54.0 - 154	.0
To	tal Number above Detectio	n Limit = 1	Max	imum Det	ection Limit	= 0.638	
	: SW8270 - Semivolatile C						
Analyte	: bis(2-Ethylhexyl)phthal	ate					
Type of Blank	: Method Blank						
06/14/93	MB	MSMSD2306140820	ND		0.58	ug/L	1
06/15/93	MB	MSMSD2306150816	ND		0.58	ug/L	1
06/16/93	MB	MSMSD2306160814	· ND		0.58	ug/L	1
6/22/93	MB	MSMSD2306220822	ND		0.58	ug/L	1
06/23/93	MB	MSMSD2306230826	12.3		0.58	ug/L	1
6/23/93	MB	MSMSD1306231041	ΝD		1.8	ug/L	1
6/24/93	MB	MSMSD2306240908	11.7		0.58	ug/L	1
8/07/93	MB	MSMSD2308070819	ND		0.58	ug/L	1
8/17/93	MB	MSMSD1308171507	ND		1.8	ug/L	1
8/25/93	MB	MSMSD1308251013	0.66	(J)	1.8	ug/L	1
9/20/93	MB	MSMSD1309201450	ND		1.8	ug/L	1
9/23/93	MB	MSMSD1309230953	ND		1.8	ug/L	1
9/24/93	MB	MSMSD2309240819	ND		0.58	ug/L	1
.0/08/93	мв	MSMSD2310080817	ND		0.58	ug/L	1
0/11/93	МВ	MSMSD2310110812	ND		0.58	ug/L	1
Tot	tal Number of Blanks = 15		Conc	entrati	on Range 1	1.7 - 12.	<del></del> 3
	tal Number above Detectio				ection Limit		
	: SW8310 - Polynuclear Ar : Acenaphthene	omatic Hydrocarbons					
ype of Blank :	: Equipment Blank						

Total Number of Blanks = 1

Concentration Range NC Maximum Detection Limit = 1.2

Total Number above Detection Limit = 0

CHLCCF306291200

CHLCCF306291200

	TABLE B
DATE	
ANALYZED	

06/29/93

06/29/93

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
		*********		******		
	: SW8310 - Polynuclear : Acenaphthene	Aromatic Hydrocarbons				
•	: Method Blank					
	BLK93537	CHLCC_306221200	ND	0.60	ug/L	1

Total Number of Blanks = 3

BLK93643

BLK93768

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 1.2

0.50

1.2

ug/L

Method: SW8310 - Polynuclear Aromatic Hydrocarbons

Analyte : Acenaphthylene

Type of Blank: Equipment Blank

04-MW-01-EB-03 CHLCCF306291200 ND 06/30/93 

Total Number of Blanks = 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1.64

Method : SW8310 - Polynuclear Aromatic Hydrocarbons

Analyte : Acenaphthylene

Type of Blank: Method Blank

0.82 ug/L 1 CHLCC_306221200 06/22/93 BLK93537 ug/L 1.6 ND BLK93768 CHLCCF306291200 06/29/93 0.54 1.6 ug/L CHLCCF306291200 BLK93643 06/29/93

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 1.64

Method: SW8310 - Polynuclear Aromatic Hydrocarbons

Analyte : Anthracene

Type of Blank: Equipment Blank

04-MW-01-EB-03 CHLCCE306291200 06/30/93

Total Number of Blanks = 1

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.28

TABLE B-7

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	:hod : SW8310 - Polynuclear A lyte : Anthracene	romatic Hydrocarbons				
	ank : Method Blank					
Type of Di	ank . Method Brank					
06/22/93	BLK93537	CHLCC_306221200	ND	0.14	ug/L	1
06/29/93	BLK93643	CHLCCE306291200	ND	0.28	ug/L	2
06/29/93	BLK93768	CHLCCE306291200	ND	0.28	ug/L	2
	Total Number of Blanks = 3			entration Range M	IC	
	Total Number above Detecti	on Limit = 0	Maxim	num Detection Limit	= 0.28	
	hod : SW8310 - Polynuclear A yte : Benzo(a)anthracene	romatic Hydrocarbons				
ype of Bl	ank : Equipment Blank					
06/30/93	04-MW-01-EB-03	CHLCCE306291200		0.0056	ug/L	2
	Total Number of Blanks ≈ 1			ntration Range N	С	
	Total Number above Detecti	on Limit = 0	Maxim	um Detection Limit	= 0.0056	
Mo+	hod : SW8310 - Polynuclear A	mometic Undersebers				
	yte : Benzo(a)anthracene	ioliatic nydrocarbons				
ype of Bl	ank : Method Blank					
16/22/93	BLK93537	CHLCC_306221200	ND	0.0028	ug/L	1
06/29/93	BLK93643	CHLCCE306291200	0.0021	(J) 0.0056	ug/L	2
6/29/93	BLK93768	CHLCCE306291200	ND	0.0056	ug/L	2
	Total Number of Blanks = 3		Conce	ntration Range N	с С	
	Total Number above Detection	on Limit = 0	Maxim	um Detection Limit	= 0.0056	
No.+	had ciliano Balumualasa A	aamakii Uuduu ubuu				
	hod : SW8310 - Polynuclear A yte : Benzo(a)pyrene	omatic nyurocarbons				
ype of Bl	ank : Equipment Blank					
6/30/93		CHLCCE306291200		(B) 0.0072	-	2
	Total Number of Blanks = 1			 ntration Range N		
	Total Number above Detection	on Limit = 0	Maxim	um Detection Limit	= 0.0072	

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
Metl	nod : SW8310 - Polynuclear Ar	omatic Hydrocarbons					
Analy	yte : Benzo(a)pyrene						
ype of Bla	ank : Method Blank						
06/22/93	BLK93537	CHLCC_306221200	ND		0.0036	ug/L	1
6/22/93	BLK93537	CHLCC_306221200	0.000700	(1)	0.0036	ug/L	1
6/29/93	BLK93768	CHLCCE306291200	0.000400	(٦)	0.0072	ug/L	2
6/29/93 	BLK93643	CHLCCE306291200	0.0095		0.0072	ug/L 	2
	Total Number of Blanks = 4				•	.0095 - 0.0	095
	Total Number above Detectio	n Limit = 1	Max	imum De	tection Limit	= 0.00/2	
	nod : SW8310 - Polynuclear Ar yte : Benzo(b)fluoranthene	omatic Hydrocarbons					
	ank : Equipment Blank						
6/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.022	ug/L	2
	04-NW 01 ED 03						
	Total Number of Blanks = 1		•		ion Range N		
	Total Number above Detectio	n Limit = 0	Max	ımum De	tection Limit	= 0.022	
Meth	nod : SW8310 - Polynuclear Ar	omatic Hydrocarbons					
	yte : Benzo(b)fluoranthene	-					
ype of Bla	ank : Method Blank						
6/22/93	BLK93537	CHLCC_306221200	ND		0.011	ug/L	1
6/22/93	BLK93537	CHLCC_306221200	0.0017	(٦)	0.011	ug/L	1
6/29/93	BLK93768		0.026		0.022	ug/L	2
6/29/93 	BLK93643	CHLCCE306291200			0.022 		2
	Total Number of Blanks = 4		Con	centrat	ion Range 0	.026 - 0.0	
	Total Number above Detectio	n Limit = 1	Max	imum De	tection Limit	= 0.022	
		At a History of a co					
	nod : SW8310 - Polynuclear Ar yte : Benzo(g,h,i)perylene	omatic hydrocarbons					
ype of Bla	ank : Equipment Blank						
06/30/93	04-MW-01-EB-03				0.056	_	<b>2</b>
	Total Number of Blanks = 1				ion Range N		
	Total Number above Detection	n Limit = 0	Max	imum De	etection Limit	= 0.056	

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-219

ANALYZED	SAMPLE ID	BATCH ID	RESULT	D	ETECTION LIMIT	UNITS	DILUTION FACTOR
		**********		-			
	thod : SW8310 - Polynuclear A lyte : Benzo(g,h,i)perylene	romatic Hydrocarbons					
	lank : Method Blank						
Type Of D	rain . Hethou Brank						
06/22/93	BLK93537	CHLCC_306221200	ND		0.028	ug/L	1
06/22/93	BLK93537	CHLCC_306221200	0.0071	(J)	0.028	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	ND		0.056	ug/L	2
)6/29/93 	BLK93643	CHLCCE306291200	0.0036	(1)	0.056	ug/L	2
	Total Number of Blanks = 4		Conc	entration	n Range N	c	
	Total Number above Detection	on Limit = 0	Maxi	mum Dete	ction Limit	= 0.056	
Met	:hod : SW8310 - Polynuclear An	romatic Hydrocarbons					
	yte : Benzo(k)fluoranthene	•					
ype of Bl	ank : Equipment Blank						
6/30/93	04-MW-01-EB-03	CHLCCE306291200	0.0039	(B) (	0.0032	ug/L	2
	Total Number of Blanks = 1		Conc	entration	n Range 0	.0039 - 0.0	039
	Total Number above Detection	n Limit = 1	Maxi	mum Detec	ction Limit	= 0.0032	
	hod : SW8310 - Polynuclear Ar yte : Benzo(k)fluoranthene	omatic Hydrocarbons					
Anal		omatic Hydrocarbons					
Anal ype of Bl 6/22/93	yte : Benzo(k)fluoranthene	OMATIC Hydrocarbons  CHLCC_306221200	0.0034	C	0.0016	ug/L	1
Anal ype of Bl 6/22/93 6/22/93	yte : Benzo(k)fluoranthene ank : Method Blank	CHLCC_306221200				ug/L ug/L	1 1
Anal ype of Bl 6/22/93 6/22/93 6/29/93	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537  BLK93537	CHLCC_306221200 CHLCC_306221200	ND 0.0088	C			
Anal ype of Bl 6/22/93 6/22/93 6/29/93 6/29/93	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537  BLK93537  BLK93643  BLK93768	CHLCC_306221200 CHLCC_306221200 CHLCCE306291200 CHLCCE306291200	ND 0.0088 0.0046	0	0.0016 0.0032 0.0032	ug/L	1
Anal ype of Bl 6/22/93 6/22/93 6/29/93 6/29/93	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537 BLK93537 BLK93643 BLK93768  Total Number of Blanks = 4	CHLCC_306221200 CHLCC_306221200 CHLCCE306291200 CHLCCE306291200	ND 0.0088 0.0046	0 0	0.0016 0.0032 0.0032	ug/L ug/L	1 2 2
Anal Type of Bl 06/22/93 06/22/93 06/29/93	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537  BLK93537  BLK93643  BLK93768	CHLCC_306221200 CHLCC_306221200 CHLCCE306291200 CHLCCE306291200	ND 0.0088 0.0046 	0 0 0  entration	0.0016 0.0032 0.0032	ug/L ug/L ug/L 0034 - 0.0	1 2 2
Anal  ype of Bl  6/22/93 6/22/93 6/29/93 6/29/93	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537  BLK93537  BLK93643  BLK93768  Total Number of Blanks = 4  Total Number above Detectio	CHLCC_306221200 CHLCC_306221200 CHLCCE306291200 CHLCCE306291200 	ND 0.0088 0.0046 	0 0 0  entration	0.0016 0.0032 0.0032 	ug/L ug/L ug/L 0034 - 0.0	1 2 2
Anal ype of Bl 6/22/93 6/22/93 6/29/93 	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537 BLK93537 BLK93643 BLK93768  Total Number of Blanks = 4	CHLCC_306221200 CHLCC_306221200 CHLCCE306291200 CHLCCE306291200 	ND 0.0088 0.0046 	0 0 0  entration	0.0016 0.0032 0.0032 	ug/L ug/L ug/L 0034 - 0.0	1 2 2
Anal ype of Bl 16/22/93 16/22/93 16/29/93 16/29/93 16/29/93 16/29/93	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537 BLK93537 BLK93643 BLK93768  Total Number of Blanks = 4 Total Number above Detectio	CHLCC_306221200 CHLCC_306221200 CHLCCE306291200 CHLCCE306291200 	ND 0.0088 0.0046 	0 0 0  entration	0.0016 0.0032 0.0032 	ug/L ug/L ug/L 0034 - 0.0	1 2 2
Anal ype of Bl 6/22/93 6/22/93 6/29/93 6/29/93  Met Anal	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537 BLK93537 BLK93643 BLK93768  Total Number of Blanks = 4 Total Number above Detectio  hod : SW8310 - Polynuclear Ar yte : Chrysene  ank : Equipment Blank  04-MW-01-EB-03	CHLCC_306221200     CHLCC_306221200     CHLCCE306291200     CHLCCE306291200  n Limit = 3  cmatic Hydrocarbons  CHLCCE306291200	ND 0.0088 0.0046 Conce Maxir	0 0 entration mum Detec	0.0016 0.0032 0.0032 1 Range O. Otion Limit	ug/L ug/L ug/L 0034 - 0.0 = 0.0032	1 2 2 0 088
Anal ype of Bl 6/22/93 6/22/93 6/29/93 6/29/93  Met Anal	yte : Benzo(k)fluoranthene  ank : Method Blank  BLK93537 BLK93537 BLK93768  Total Number of Blanks = 4 Total Number above Detection  hod : SW8310 - Polynuclear Armyte : Chrysene  ank : Equipment Blank	CHLCC_306221200     CHLCC_306221200     CHLCCE306291200     CHLCCE306291200  n Limit = 3  cmatic Hydrocarbons  CHLCCE306291200	ND 0.0088 0.0046 Conce Maxir	0 0 0 entration mum Detec	0.0016 0.0032 0.0032 1 Range O. Otion Limit	ug/L ug/L ug/L 0034 - 0.0 = 0.0032	1 2 2 0 088

DATE	SAMPLE	BATCH	· · · · · · · · · · · · · · · · · · ·		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
	: SW8310 - Polynuclear An : Chrysene	romatic Hydrocarbons					
ype of Blank	: Method Blank						
6/22/93	BLK93537	CHLCC_306221200	ND		0.049	ug/L	1
6/29/93	BLK93768	CHLCCE306291200	ND		0.098	ug/L	2
6/29/93 	BLK93643	CHLCCE306291200	ND		0.098	ug/L	2
To	otal Number of Blanks = 3		Conc	centrati	on Range M	ic	
To	otal Number above Detection	on Limit = 0	Maxi	imum Det	ection Limit	: = 0.098	
Method	: SW8310 - Polynuclear Ar	romatic Hydrocarbons					
	: Dibenz(a,h)anthracene	omatic flydrodd bons					
ype of Blank	: Equipment Blank						
6/30/93	04-MW-01-EB-03	CHLCCE306291200	0.0011	(B)	0.017	ug/L	2
	tal Number of Blanks = 1				•	IC	
To	otal Number above Detection	on Limit = 0	Maxi	imum Det	ection Limit	= 0.017	
	: SW8310 - Polynuclear Ar : Dibenz(a,h)anthracene	omatic Hydrocarbons					
ype of Blank	: Method Blank						
6/22/93	BLK93537	CHLCC_306221200	ND		0.0085	ug/L	1
6/29/93	BLK93643	CHLCCE306291200	0.0030	(J)	0.017	ug/L	2
6/29/93	BLK93768	CHLCCE306291200	0.0015	(J)	0.017	ug/L	2
To	tal Number of Blanks = 3	~	Conc	entratio	on Range N	C	
	tal Number above Detectio	on Limit = O			ection Limit		
	: SW8310 - Polynuclear Ar : Fluoranthene	omatic Hydrocarbons					
ype of Blank	: Equipment Blank						
6/30/93	04-MW-01-EB-03	CHLCCE306291200	ND		0.10	ug/L	2
To	tal Number of Blanks = 1		Conc	entratio	on Range N	c	
-	tal number of planks = 1		CONC	ciili at l	n range N	·	

Total Number above Detection Limit = 0

Concentration Range NC
Maximum Detection Limit = 0.1

Compiled: 21 April 1994

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

B7-221

	ID	ID	RESULT		1 7147 7		
	•				LIMIT	UNITS	FACTOR
	hod : SW8310 - Polynuclear A yte : Fluoranthene	aromatic Hydrocarbons					
ype of Bl	ank : Method Blank						
06/22/93	BLK93537	CHLCC_306221200	ND		0.050	ug/L	1
6/29/93	BLK93768	CHLCCE306291200	ND		0.10	ug/L	2
)6/29/93 	BLK93643	CHLCCE306291200	0.019	(J)	0.10	ug/L	2
	Total Number of Blanks = 3				ion Range M		
	Total Number above Detecti	on Limit = 0	Max	imum De	tection Limit	= 0.1	
	hod : SW8310 - Polynuclear A yte : Fluorene	romatic Hydrocarbons					
ype of Bl	ank : Equipment Blank						
6/30/93		CHLCCF306291200	ND		0.16	ug/L	2
	Total Number of Blanks = 1		Con	centrat	ion Range N	С	
•	Total Number above Detecti	on Limit = 0	Max	imum De	tection Limit	= 0.16	
Mot	hod : SW8310 - Polynuclear A	nomatic Hudmooanhono					
	yte : Fluorene	Tomacto Tryatocar bons					
ype of Bl	ank : Method Blank						
6/22/93	BLK93537	CHLCC_306221200	ND		0.080	ug/L	1
6/22/93	BLK93537	CHLCC_306221200	0.043	(J)	0.080	ug/L	1
6/29/93	BLK93643	CHLCCF306291200	0.066	(J)	0.16	ug/L	2
6/ <b>29/9</b> 3	BLK93768		0.10	(J)		ug/L	2
	Total Number of Blanks = 4		Con	centrati	ion Range N	С	
	Total Number above Detecti	on Limit = 0	Max	imum De1	tection Limit	= 0.16	
	Lad CUCCIO D 2 2 2 2						
	hod : SW8310 - Polynuclear A yte : Indeno(1,2,3-cd)pyrene						
ype of Bl	ank : Equipment Blank						
06/30/93	04-MW-01-EB-03			(B)	0.0074	ug/L	2
	Total Number of Blanks = 1 Total Number above Detecti		Con		on Range 0	.064 - 0.0	64

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID 	ID	RESULT	LIMIT 	UNITS	FACTOR
	: SW8310 - Polynuclear : Indeno(1,2,3-cd)pyren					
•	: Method Blank	·				
6/22/93	BLK93537	CHLCC_306221200	0.0053	0.0037	ug/L	1
6/22/93	BLK93537	CHLCC_306221200	ND	0.0037	ug/L	1
5/29/93	BLK93768	CHLCCF306291200	0.047	0.0074	ug/L	2
5/29/93	BLK93643	CHLCCF306291200	0.0078	0.0074	ug/L 	2
	otal Number of Blanks =			tration Range 0		047
To	otal Number above Detect	ion Limit = 3	Maximum	n Detection Limit	= 0.0074	
	04-MW-01-EB-U3  otal Number of Blanks = otal Number above Detect		Concent	tration Range No	C	2 
	: SW8310 - Polynuclear	Aromatic Hydrocarbons				
	: Naphthalene					
Analyte	: Naphthalene : Method Blank					
Analyte pe of Blank		CHLCC_306221200	0.13 (	0.55	ug/L	1
Analyte ype of Blank 6/22/93 6/22/93	: Method Blank	CHLCC_306221200 CHLCC_306221200 .	ND	0.55	ug/L	1
Analyte ype of Blank 5/22/93 5/22/93 5/29/93	: Method Blank BLK93537	CHLCC_306221200 CHLCCF306291200	ND 0.33 (J	0.55 J) 1.1	ug/L ug/L	1 2
Analyte pe of Blank /22/93 /22/93 /29/93	: Method Blank  BLK93537  BLK93537	CHLCC_306221200	ND	0.55 J) 1.1	ug/L	1
Analyte  Telepoor Blank  5/22/93 5/22/93 5/29/93 5/29/93 To	: Method Blank  BLK93537  BLK93537  BLK93768  BLK93643  otal Number of Blanks =	CHLCC_306221200 CHLCCF306291200 CHLCCF306291200	ND 0.33 (3 0.51 (3 Concent	0.55 0) 1.1 1) 1.1 cration Range No	ug/L ug/L ug/L	1 2
Analyte  ype of Blank  6/22/93  6/22/93  6/29/93  6/29/93	: Method Blank  BLK93537  BLK93537  BLK93768  BLK93643	CHLCC_306221200 CHLCCF306291200 CHLCCF306291200	ND 0.33 (3 0.51 (3 Concent	0.55 0) 1.1 0) 1.1	ug/L ug/L ug/L	1 2

06/30/93	04-MW-01-EB-03	CHLCCE306291200	0.23	(B)	0.32	ug/L	2

Total Number of Blanks = 1

Total Number above Detection Limit = 0

Concentration Range NC Maximum Detection Limit = 0.32

Compiled: 21 April 1994 ND = Not Detected NC = Not Calculable NA = Not Applicable B7-223

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Method	: SW8310 - Polynuc	lear Aromatic Hydrocarbons				
Analyte	: Phenanthrene : Method Blank	••••••••••••••••••••••••••••••••••••••				
Analyte Type of Blank	: Phenanthrene : Method Blank	·	ND	0.16	ua/!	1
Analyte	: Phenanthrene	CHLCC_306221200 CHLCCE306291200	ND 0.42	0.16 0.32	ug/L ug/L	1 2

Method : SW8310 - Polynuclear Aromatic Hydrocarbons

Analyte : Pyrene

 $\label{type of Blank} \textbf{Type of Blank} \ : \ \textbf{Equipment Blank}$ 

06/30/93	04-MW-01-EB-03	CHLCCE306291200	ND	0.11	ug/L	2

Total Number of Blanks = 1
Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.106

Method : SW8310 - Polynuclear Aromatic Hydrocarbons

Analyte : Pyrene

Type of Blank: Method Blank

06/22/93	BLK93537	CHLCC_306221200	ND	0.053	ug/L	1
06/29/93	BLK93768	CHLCCE306291200	ND	0.11	ug/L	2
06/29/93	BLK93643	CHLCCE306291200	ND	0.11	ug/L	2

Total Number of Blanks = 3

Total Number above Detection Limit = 0

Concentration Range NC

Maximum Detection Limit = 0.106

## ATTACHMENT B - APPENDIX B

Table B-8

Detailed Listing of Spike Results - 1993 Water Samples

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : E160.1	- Residue, Filterabl	e (TDS)					
piked Analyte : Total	•	- (,					
Type of Spike : Labora	tory Control						
06/14/93	LCS931111	WLTDS_306141600			563.00	mg/L	102
06/14/93	LCSD931111	WLTDS_306141600			583.00	mg/L	106
06/16/93	LCS931183	WLTDS_306161600			576.00	mg/L	105
06/16/93	LCSD931183	WLTDS_306161600			599.00	mg/L	109
06/18/93	LCS931284	WLTDS_306181600			633.00	mg/L	107
06/18/93	LCSD931284	WLTDS_306181600			624.00	mg/L	105
06/23/93	LCS931406	WLTDS_306231400		593.00	606.00	mg/L	102
06/23/93	LCSD931406	WLTDS_306231400		593.00	595.00	mg/L	100
08/03/93	LCS932927	WLTDS_308031200		497.00	513.00	mg/L	103
08/03/93	LCSD932927	WLTDS_308031200		497.00	515.00	mg/L	104
08/17/93	LCS933554	WLTDS_308171200		437.00	448.00	mg/L	103
08/17/93	LCSD933554	WLTDS_308171200		437.00	464.00	mg/L	106

WLTDS_309170300

WLTDS_309170300

WLTDS_309200800

WLTDS_309200800

WLTDS_309231200

2.47

Method : E160.2 - Residue, Non-Filterable

LCS934466

LCSD934466

LCS934731

LCSD934731

LCS934803

Spiked Analyte : Total suspended solids

Standard Deviation

Type of Spike : Laboratory Control

09/17/93

09/17/93

09/20/93

09/20/93 09/23/93

09/17/93	LCS934465	WLTSS_309170300	231.00	148.00	mg/L	64
09/17/93	LCSD934465	WLTSS_309170300	231.00	252.00	mg/L	109
09/20/93	LCS934732	WLTSS_309200800	214.00	200.00	mg/L	94
09/20/93	LCSD934732	WLTSS_309200800	214.00	194.00	mg/L	91
09/23/93	LCS934803	WLTSS_309231200	321.00	274.00	mg/L	85
09/23/93	LCSD934803	WLTSS_309231200	321.00	270.00	mg/L	84

Number of Samples : 6 Below acceptance : 1
Mean % Recovery : 87.8 Above acceptance : 0
Standard Deviation : 14.74 Acceptance Criteria 80-120

437.00 . 446.00

437.00

434.00

434.00

589.00

Acceptance Criteria

439.00

456.00

456.00

601.00

80-120

mg/L

mg/L

mg/L

mg/L

mg/L

102

100

105

105

102

101

	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUN		RESUL	
				DATCH ID	KESULI		D RECOVERED	UNIT	RECOVER
	Method : E300 -	<b>Aniana</b>							
	nalyte : Chlori								
Type of	Spike : Labora	tory Control							
	06/23/93	LCS931521		WLICXC306231300		8.00	8.11	mg/L	101
	06/23/93	LCSD931521		WLICXC306231300		8.00	8.13	mg/L	102
	09/25/93	LCS934941		WLICXC309251400		8.00	8.14	mg/L	102
	09/25/93	LCSD934941		WLICXC309251400		8.00	8.19	mg/L	102
	Number of S	amples	: 4	~~~~~~~~~~	Below accepta	ance :	0		
	Mean % Reco	very	: 101.	8	Above accepta	ance :	0		
	Standard De	viation	: .	50	Acceptance Ci		90-110		
Type of	Spike : Matrix	Spike							
	06/23/93	05-MW-02-D	S-03 M	WLICXC306231300	1.44	4.00	5.23	mg/L	95
	06/23/93	05-MW-02-D	S-03 M	WLICXC306231300	1.44	4.00	5.29	mg/L	96
	09/25/93	06-MW-07-0	1 MS	WLICXC309251400	16.30	20.00	37.60	mg/L	107
	09/25/93	06-MW-07-0	1 MSD	WLICXC309251400	16.30	20.00	37.50	mg/L	106
	Number of Sa		: 4		Below accepta	nce :	0		
	Mean % Recov		: 101.	0	Above accepta	nce :	0		
	Standard Dev	/iation	: 6.3	38	Acceptance Cr	iteria	80-120		·
	Method : E300 -								
	nalyte : Sulfate					•			
Type of	Spike : Laborat	ory Control							
				III 10VC20C021200					
	06/23/93	LCS931521		WLICXS306231300		40.00	38.40	mg/L	96
	06/23/93	LCSD931521		WLICXS306231300		40.00 40.00	38.40 38.30	mg/L mg/L	96 96
	06/23/93 09/25/93	LCSD931521 LCS934936		WLICXS306231300 WLICXS309251300				_	
	06/23/93	LCSD931521		WLICXS306231300		40.00	38.30	mg/L	96
	06/23/93 09/25/93 09/25/93 Number of Sa	LCSD931521 LCS934936 LCSD934936	: 4	WLICXS306231300 WLICXS309251300 WLICXS309251300	Below accepta	40.00 40.00 40.00 	38.30 40.10	mg/L mg/L	96 100
	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov	LCSD931521 LCS934936 LCSD934936 	: 4 : 97.8	WLICXS306231300 WLICXS309251300 WLICXS309251300	Below accepta Above accepta	40.00 40.00 40.00 	38.30 40.10 39.70	mg/L mg/L	96 100
	06/23/93 09/25/93 09/25/93 Number of Sa	LCSD931521 LCS934936 LCSD934936 	: 4	WLICXS306231300 WLICXS309251300 WLICXS309251300	· ·	40.00 40.00 40.00 	38.30 40.10 39.70	mg/L mg/L	96 100
Type of	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov	LCSD931521 LCS934936 LCSD934936 	: 4 : 97.8	WLICXS306231300 WLICXS309251300 WLICXS309251300	Above accepta	40.00 40.00 40.00 	38.30 40.10 39.70	mg/L mg/L	96 100
 Type of	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov Standard Dev	LCSD931521 LCS934936 LCSD934936 mples ery iation	: 4 : 97.8 : 2.0	WLICXS306231300 WLICXS309251300 WLICXS309251300	Above accepta Acceptance Cr	40.00 40.00 40.00 	38.30 40.10 39.70  0 0 90-110	mg/L mg/L mg/L	96 100 99
ype of	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov Standard Dev Spike : Matrix	LCSD931521 LCS934936 LCSD934936 	: 4 : 97.8 : 2.0	WLICXS306231300 WLICXS309251300 WLICXS309251300	Above accepta Acceptance Cr	40.00 40.00 40.00 	38.30 40.10 39.70 0 0 90-110	mg/L mg/L mg/L	96 100 99
Type of	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov Standard Dev Spike : Matrix 06/23/93 06/23/93	LCSD931521 LCS934936 LCSD934936 	: 4 : 97.8 : 2.0	WLICXS306231300 WLICXS309251300 WLICXS309251300 WLICXS306231300 WLICXS306231300 WLICXS306231300	Above accepta Acceptance Cr  3.13 3.13	40.00 40.00 40.00 	38.30 40.10 39.70  0 0 90-110	mg/L mg/L mg/L mg/L	96 100 99 
 「ype of	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov Standard Dev Spike : Matrix 06/23/93 06/23/93 09/25/93	LCSD931521 LCS934936 LCSD934936 	: 4 : 97.8 : 2.0	WLICXS306231300 WLICXS309251300 WLICXS309251300 WLICXS306231300 WLICXS306231300 WLICXS306231300 WLICXS309251300	Above accepta Acceptance Cr 3.13 3.13 59.90	40.00 40.00 40.00 	38.30 40.10 39.70 0 0 90-110 20.30 20.30 163.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 100 99  86 86 103
ype of	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov Standard Dev Spike : Matrix 06/23/93 06/23/93 09/25/93 09/25/93	LCSD931521 LCS934936 LCSD934936 	: 4 : 97.8 : 2.0	WLICXS306231300 WLICXS309251300 WLICXS309251300 WLICXS306231300 WLICXS306231300 WLICXS306231300	Above accepta Acceptance Cr 3.13 3.13 59.90 59.90	40.00 40.00 40.00 	38.30 40.10 39.70 0 0 90-110 20.30 20.30 163.00 164.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 100 99 
	06/23/93 09/25/93 09/25/93 Number of Sa Mean % Recov Standard Dev Spike : Matrix 06/23/93 06/23/93 09/25/93	LCSD931521 LCS934936 LCSD934936 	: 4 : 97.8 : 2.0	WLICXS306231300 WLICXS309251300 WLICXS309251300 WLICXS306231300 WLICXS306231300 WLICXS306231300 WLICXS309251300 WLICXS309251300	Above accepta Acceptance Cr 3.13 3.13 59.90	40.00 40.00 40.00 	38.30 40.10 39.70 0 0 90-110 20.30 20.30 163.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 100 99  86 86 103

ND = Not Detected

DATE ORIG. AMOUNT AMOUNT RESULT %

ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY
------

Method : E300 - Anions Spiked Analyte : Sulfate continued

Type of Spike: Matrix Spike

Method : E353.1 - Nitrate-Nitrite Spiked Analyte : Nitrate-Nitrite as N

Type of Spike: Analytical Spike

06/30/93 05-MW-02-DS-03 M WLTRAC306301700 ND 1.00 0.89 mg/L 93 06/30/93 05-MW-02-DS-03 M WLTRAC306301700 ND 1.00 0.88 mg/L 92

Number of Samples : 2 Below acceptance :  $\cdot$  0 Mean % Recovery : 92.5 Above acceptance : 0 Standard Deviation : .71 Acceptance Criteria 80-120

Type of Spike : Laboratory Control

10/08/93 LCS935170 WLTRAC310081900 1.00 1.01 mg/L · 101 10/08/93 LCSD935170 WLTRAC310081900 1.00 1.02 mg/L 102 10/11/93 LCS935178 1.00 mg/L 100 WLTRAC310111600 1.00 10/11/93 LCSD935178 WLTRAC310111600 1.00 1.00 mg/L 100 10/12/93 LCS935234 WLTRAC310121900 1.00 0.98 mg/L 98 10/12/93 LCSD935234 WLTRAC310121900 1.00 0.98 mg/L 98

Number of Samples : 6 Below acceptance : 0
Mean % Recovery : 99.8 Above acceptance : 0
Standard Deviation : 1.60 Acceptance Criteria 85-115

Type of Spike : Matrix Spike

10/08/93 10-MW-04-01 WLTRAC310081900 1.00 mg/L ND 0.85 10/08/93 10-MW-04-01 WLTRAC310081900 1.00 0.85 mg/L 10/11/93 06-MW-07-01 MS WLTRAC310111600 2.00 ND 1.69 mg/L 87 10/11/93 06-MW-07-01 MS WLTRAC310111600 ND 1.00 0.71 mq/L 10/11/93 06-MW-07-01 MSD WLTRAC310111600 ND 1.00 0.72 mg/L 76 10/11/93 06-MW-07-01 MSD WLTRAC310111600 ND 2.00 1.72 mg/L 10/12/93 05-MW-14-01 WLTRAC310121900 0.12 1.00 1.03 mg/L 90 05-MW-14-01 10/12/93 WLTRAC310121900 0.12 1.00 1.02 mg/L 89

Number of Samples8Below acceptance : 2Mean % Recovery: 85.1Above acceptance : 0Standard Deviation: 6.33Acceptance Criteria 80-120

ANALYZED	SAMPLE ID		DATON TO						
			BATCH ID	ŀ	RESULT	SPIKED	RECOVERED	UNIT	RECOV
Method : SW601		-							
oiked Analyte : Alumin	num								
ype of Spike : Labora	atory Control					•			
06/23/93	LCS93-1202		EMJA61306222200			10.00	9.70	mg/L	97
06/23/93	LCS93-1336		EMJA61306222200			10.00	9.80	mg/L	98
06/23/93	LCSD93-1202		EMJA61306222200			10.00	9.90	mg/L.	99
06/23/93	LCSD93-1336		EMJA61306222200			10.00	9.80	mg/L	98
07/01/93	LCS93-1475		EMJA61307012200			10.00	9.82	mg/L	98
07/01/93	LCSD93-1475		EMJA61307012200			10.00	9.96	mg/L	100
08/27/93	LCS933746		EMJA61308271100			10.00	9.35	mg/L	94
08/27/93	LCSD933746		EMJA61308271100			10.00	9.37	mg/L	94
09/01/93	LCS933866		EMJA61309010000			10.00	9.72	mg/L	97
09/01/93	LCS933905		EMJA61309010000			50.00	48.00	mg/L	96
09/01/93	LCSD933866		EMJA61309010000			10.00	9.80	mg/L	98
09/01/93	LCSD933905		EMJA61309010000			50.00	48.30	mg/L	97
09/07/93	LCS933866		EMJA61309071000			10.00	9.68	mg/L	97
09/07/93	LCS933905		EMJA61309071000			50.00	46.60	mg/L	93
09/07/93	LCSD933866		EMJA61309071000			10.00	9.67	mg/L	97
09/07/93	LCSD933905		EMJA61309071000			50.00	47.00	mg/L	94
09/17/93	LCS934378		EMJA61309171000			10.00	9.47	mg/L	95
09/17/93	LCSD934378		EMJA61309171000			10.00	9.47	mg/L	95
09/24/93	LCS934413		EMJA61309240100			50.00	47.00	mg/L	94
09/24/93	LCS934458		EMJA61309240100			10.00	9.51	mg/L	95
09/24/93	LCS934612		EMJA61309240100			10.00	9.65	mg/L	96
09/24/93	LCSD934413		EMJA61309240100			50.00	47.50	mg/L	95
09/24/93	LCSD934458		EMJA61309240100			10.00	9.51	mg/L	95
09/24/93	LCSD934612		EMJA61309240100			10.00	9.78	mg/L	98
09/30/93	LCS934612		EMJA61309301400			10.00	9.73	mg/L	97
09/30/93	LCSD934612		EMJA61309301400			10.00	9.74	mg/L	97
10/05/93	LCS934625		EMJA61310051000			10.00	9.94	mg/L	99
10/05/93	LCSD934625		EMJA61310051000			10.00	9.96		100
Number of S	amples :	28		 Relow	accepta	nce ·	0		
Mean % Reco	•	96.5			accepta		0		
Standard De		1.9			tance Cr		30-120		
	,		-	пооср	canoc or	reerra e	00 120		
ype of Spike : Matrix	Spike								
06/23/93	07-MW-02-DS-03	м	EMJA61306222200		0.00	10.00	0.70	/1	
06/23/93	07-MW-02-DS-03		EMJA61306222200		0.02	10.00	9.76		97 no
06/23/93	12-MW-02-DS-03					10.00	9.85		98
06/23/93	12-MW-02-DS-03		EMJA61306222200		0.01	10.00	9.88	-	99
07/01/93	05-MW-06-03	171	EMJA61306222200		0.01	10.00	9.71	_	97
07/01/93	05-MW-06-03		EMJA61307012200		0.01	10.00	10.00	_	100
09/01/93	07-SW-03-01		EMJA61307012200 EMJA61309010000		0.01	10.00	10.10		101
09/01/93	07-SW-03-01			_	0.01	10.00	10.00		100
09/07/93	07-SW-03-01		EMJA61309010000	-	0.01	10.00	10.00		100
09/07/93			EMJA61309071000		0.05	10.00	9.83		98
03/07/33	07-SW-03-01		EMJA61309071000		0.05	10.00	9.80	mg/L	98

ND = Not Detected

NC = Not Calculable

DATE	SAMPLE ID			BATCH ID		ORIG. RESULT	AMOUNT	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
ANALYZED							3FINED			
Method : SW6010	- Metals									
oiked Analyte : Alumin	um continued									
pe of Spike : Matrix	Spike					•				
09/24/93	05-MW-15-01	MS		EMJA61309240100		0.01	10.00	9.69	mg/L	97
09/24/93	05-MW-15-01	MSD		EMJA61309240100		0.01	10.00	9.69 .	mg/L	97
09/24/93	06-MW-07-01	MS		EMJA61309240100	_	0.00	10.00	9.58	mg/L	96
09/24/93	06-MW-07-01	MSD		EMJA61309240100	_	0.00	10.00	9.60	mg/L	96
09/30/93	05-MW-15-01	MS		EMJA61309301400		0.01	10.00	9.76	mg/L	98
09/30/93	05-MW-15-01	MSD		EMJA61309301400		0.01	10.00	9.64	mg/L	96
Number of S	amples	:	16		Belo	w accepta	ince :	0		
Mean % Reco	very	:	98.0		Abov	e accepta	ince :	0		
Standard De	viation	:	1.59		Acce	ptance Cr	riteria 7	5-125		
Method : SW6010										

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.94	mg/L	94	
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.93	mg/L	93	
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.98	mg/L	98	
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.93	mg/L	93	
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.96	mg/L	96	
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.99	mg/L	99	
08/27/93	LCS933746	EMJA61308271100	1.00	0.96	mg/L	96	
08/27/93	LCSD933746	EMJA61308271100	1.00	0.92	mg/L	92	
09/01/93	LCS933866	EMJA61309010000	1.00	0.95	mg/L	95	
09/01/93	LCS933905	EMJA61309010000	1.00	0.89	mg/L	89	
09/01/93	LCSD933866	EMJA61309010000	1.00	0.96	mg/L	96	
09/01/93	LCSD933905	EMJA61309010000	1.00	0.91	mg/L	91	
09/07/93	LCS933866	EMJA61309071000	1.00	1.00	mg/L	100	
09/07/93	LCS933905	EMJA61309071000	1.00 -	0.91	mg/L	91	
09/07/93	LCSD933866	EMJA61309071000	1.00	0.96	mg/L	96	
09/07/93	LCSD933905	EMJA61309071000	1.00	0.92	mg/L	92	
09/17/93	LCS934378	EMJA61309171000 '	1.00	0.96	mg/L	96	
09/17/93	LCSD934378	EMJA61309171000	1.00	0.96	mg/L	96	
09/24/93	LCS934413	EMJA61309240100	1.00	0.89	mg/L	89	
09/24/93	LCS934458	EMJA61309240100	1.00	0.93	mg/L	93	
09/24/93	LCS934612	EMJA61309240100	1.00	0.93	mg/L	93	
09/24/93	LCSD934413	EMJA61309240100	1.00	0.86	mg/L	86	
09/24/93	LCSD934458	EMJA61309240100	1.00	0.90	mg/L	90	
09/24/93	LCSD934612	EMJA61309240100	1.00	0.94	mg/L	94	
09/30/93	LCS934612	EMJA61309301400	1.00	0.97	mg/L	97	
09/30/93	LCSD934612	EMJA61309301400	1.00	0.99	mg/L	99	
10/05/93	LCS934625	EMJA61310051000	1.00	0.98	mg/L	98	
10/05/93	LCSD934625	EMJA61310051000	1.00	1.00	mg/L	100	
Number of Sa	amples : 2	8 Below a	cceptance :	0			

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW6010 ~ Metals Spiked Analyte : Antimony continued

Type of Spike : Laboratory Control

Mean % Recovery : 94.4 Above acceptance : Standard Deviation : 3.57 Acceptance Criteria 80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.04	1.00	0.94	mg/L	91
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.04	1.00	0.91	mg/L	87
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.02	1.00	0.91	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.02	1.00	0.97	mg/L	99
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.94	mg/L	94
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.98	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	-	0.01	1.00	0.96	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	_	0.01	1.00	0.98	mg/L	99
09/24/93	05-MW-15-01 MS	EMJA61309240100	-	0.01	1.00 .	0.92	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	-	0.01	1.00	0.93	mg/L	94
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.01	1.00	0.86	mg/L	87
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.01	1.00	0.89	mg/L	90
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.01	1.00	0.93	mg/L	94
09/30/93	05-MW-15-01 MSD	EMJA61309301400	-	0.01	1.00	0.94	mg/L	95

Number of Samples Mean % Recovery

Standard Deviation

: 94.3 : 3.98

Below acceptance : Above acceptance :

0 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Arsenic

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.94	mg/L	94
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.97	mg/L	97
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.95	mg/L	95
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.98	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100	1.00	1.00	mg/L	100
08/27/93	LCSD933746	EMJA61308271100	1.00	0.95	mg/L	95
09/01/93	LCS933866	EMJA61309010000	1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000	1.00	0.93	mg/L	93
09/01/93	LCSD933866	EMJA61309010000	1.00	0.99	mg/L	99
09/01/93	LCSD933905	EMJA61309010000	1.00	0.91	mg/L	91
09/07/93	LCS933866	EMJA61309071000	1.00	0.97	mg/L	97

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
ANAL 1210							
Method : SW601	10 - Metals						
piked Analyte : Arser	nic continued						
ype of Spike : Labora	atory Control						
09/07/93	LCS933905	EMJA61309071000		1.00	0.92	mg/L	92
09/07/93	LCSD933866	EMJA61309071000		1.00	1.00	mg/L	100
09/07/93	LCSD933905	EMJA61309071000		1.00	0.94	mg/L	94
09/17/93	LCS934378	EMJA61309171000		1.00	0.97	mg/L	·97
09/17/93	LCSD934378	EMJA61309171000		1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100		1.00 -	0.96	mg/L	96
09/24/93	LCS934612	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCSD934413	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCSD934458	EMJA61309240100		1.00	0.95	mg/L	95
09/24/93	LCSD934612	EMJA61309240100		1.00	0.98	mg/L	98
09/30/93	LCS934612	EMJA61309301400		1.00	0.98	mg/L	98
09/30/93	LCSD934612	EMJA61309301400		1.00	0.99	mg/L	99
10/05/93	LCS934625	EMJA61310051000		1.00	0.96	mg/L	96
10/05/93	LCSD934625	EMJA61310051000		1.00	0.97	mg/L	97
. Number of	Samples : 28		Below accepta	nce :	0		
Mean % Rec	covery : 95.	.8	Above acceptar	nce :	0		
Standard D	Deviation : 2.	.70	Acceptance Cr	iteria 8	0-120		
Type of Spike : Matri	x Spike						
Type of Spike : Matri 06/23/93	x Spike 07-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.97	mg/L	96
-, ,	·	EMJA61306222200 EMJA61306222200	0.02 0.02	1.00 1.00	0.97 0.95	mg/L mg/L	96 93
06/23/93	07-MW-02-DS-03 M						
06/23/93 06/23/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.95	mg/L	93
06/23/93 06/23/93 06/23/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M	EMJA61306222200 EMJA61306222200	0.02 0.01	1.00 1.00	0.95 0.93	mg/L mg/L	93 92
06/23/93 06/23/93 06/23/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M	EMJA61306222200 EMJA61306222200 EMJA61306222200	0.02 0.01 0.01	1.00 1.00 1.00	0.95 0.93 0.94	mg/L mg/L mg/L	93 92 93
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03	EMJA61306222200 EMJA613062222200 EMJA61306222200 EMJA61307012200	0.02 0.01 0.01 - 0.00	1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97	mg/L mg/L mg/L mg/L	93 92 93 98
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61307012200	0.02 0.01 0.01 - 0.00 - 0.00 0.00	1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95	mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93 07/01/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03 05-MW-06-03	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61307012200 EMJA61309010000	0.02 0.01 0.01 - 0.00 - 0.00	1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95 0.98	mg/L mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93 07/01/93 09/01/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03 05-MW-06-03 07-SW-03-01 07-SW-03-01	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61307012200 EMJA61309010000	0.02 0.01 0.01 - 0.00 - 0.00 0.00	1.00 1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95 0.98 0.97	mg/L mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95 97
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93 07/01/93 09/01/93 09/01/93 09/07/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03 05-MW-06-03 07-SW-03-01 07-SW-03-01 07-SW-03-01	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61307012200 EMJA61309010000 EMJA61309010000	0.02 0.01 0.01 - 0.00 - 0.00 0.00 0.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95 0.98 0.97	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95 97 97
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93 07/01/93 09/01/93 09/01/93 09/07/93 09/07/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03 05-MW-06-03 07-SW-03-01 07-SW-03-01 07-SW-03-01 07-SW-03-01 05-MW-15-01 MS	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61309010000 EMJA61309010000 EMJA61309071000 EMJA61309071000	0.02 0.01 0.01 - 0.00 - 0.00 0.00 - 0.02 - 0.02 - 0.01	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95 0.98 0.97 0.99	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95 97 97 102
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93 07/01/93 09/01/93 09/01/93 09/07/93 09/07/93 09/24/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03 05-MW-06-03 07-SW-03-01 07-SW-03-01 07-SW-03-01 07-SW-03-01 05-MW-15-01 MS 05-MW-15-01 MS	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61309010000 EMJA61309071000 EMJA61309071000 EMJA61309071000 EMJA61309240100	0.02 0.01 0.01 - 0.00 - 0.00 0.00 - 0.02 - 0.02 - 0.01	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95 0.98 0.97 0.99 0.99	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95 97 97 102 102 95 97
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93 07/01/93 09/01/93 09/01/93 09/07/93 09/07/93 09/24/93 09/24/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03 05-MW-06-03 07-SW-03-01 07-SW-03-01 07-SW-03-01 07-SW-03-01 05-MW-15-01 MS 05-MW-15-01 MSD 06-MW-07-01 MS	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61309010000 EMJA61309071000 EMJA61309071000 EMJA61309240100 EMJA61309240100	0.02 0.01 0.01 - 0.00 - 0.00 0.00 - 0.02 - 0.02 - 0.01	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95 0.98 0.97 0.99 0.99	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95 97 102 102 95 97
06/23/93 06/23/93 06/23/93 06/23/93 07/01/93 07/01/93 09/01/93 09/01/93 09/07/93 09/07/93 09/24/93	07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 05-MW-06-03 05-MW-06-03 07-SW-03-01 07-SW-03-01 07-SW-03-01 07-SW-03-01 05-MW-15-01 MS 05-MW-15-01 MS	EMJA61306222200 EMJA61306222200 EMJA61306222200 EMJA61307012200 EMJA61309010000 EMJA61309071000 EMJA61309071000 EMJA61309240100 EMJA61309240100 EMJA61309240100 EMJA61309240100	0.02 0.01 0.01 - 0.00 - 0.00 0.00 - 0.02 - 0.02 - 0.01 - 0.01 0.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.95 0.93 0.94 0.97 0.95 0.98 0.97 0.99 0.99	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	93 92 93 98 95 97 97 102 102 95 97

Number of Samples : 16 Mean % Recovery : 96.0 Standard Deviation : 3.10

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 75-125

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

A	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
_		********								
	thod : SW6010 Lyte : Barium									
Type of Sp	oike : Labora	tory Control								
0	06/23/93	LCS93-1202			EMJA61306222200		1.00	0.97	mg/L	97
0	06/23/93	LCS93-1336			EMJA61306222200		1.00	0.98	mg/L	98
0	06/23/93	LCSD93-1202			EMJA61306222200		1.00	0.99	mg/L	99
0	06/23/93	LCSD93-1336			EMJA61306222200		1.00	0.97	mg/L	97
0	07/01/93	LCS93-1475			EMJA61307012200		1.00	0.98	mg/L	97
0	07/01/93	LCSD93-1475			EMJA61307012200		1.00	0.99	mg/L	98
0	08/27/93	LCS933746			EMJA61308271100		1.00	0.99	mg/L	99
0	08/27/93	LCSD933746			EMJA61308271100		1.00	0.99	mg/L	99
0	09/01/93	LCS933866			EMJA61309010000		1.00	0.98	mg/L	98
0	09/01/93	LCS933905			EMJA61309010000		1.00	0.95	mg/L	95
0	9/01/93	LCSD933866			EMJA61309010000		1.00	0.99	mg/L	99
	9/01/93	LCSD933905			EMJA61309010000		1.00	0.96	mg/L	96
0	9/07/93	LCS933866			EMJA61309071000		1.00	0.97	mg/L	96
	9/07/93	LCS933905			EMJA61309071000		1.00	0.93	mg/L	93
	9/07/93	LCSD933866			EMJA61309071000		1.00	0.96	mg/L	96
	9/07/93	LCSD933905			EMJA61309071000		1.00	.0.94	mg/L	94
	9/17/93	LCS934378			EMJA61309171000		1.00		mg/L	97
	9/17/93	LCSD934378			EMJA61309171000		1.00	0.97	mg/L	97
	9/24/93	LCS934413			EMJA61309240100		1.00	0.91	mg/L	91
	9/24/93	LCS934458			EMJA61309240100		1.00	0.94	mg/L	94
	9/24/93	LCS934612			EMJA61309240100		1.00	0.96	mg/L	96
	9/24/93	LCSD934413			EMJA61309240100		1.00	0.92	mg/L	92
	9/24/93	LCSD934458			EMJA61309240100		1.00	0.93	mg/L	93
	9/24/93	LCSD934612			EMJA61309240100		1.00	0.96	mg/L	96
	9/30/93	LCS934612			EMJA61309301400		1.00	1.00	mg/L	100
	9/30/93	LCSD934612			EMJA61309301400		1.00	1.00	mg/L	100
	.0/05/93	LCS934625			EMJA61310051000		1.00	0.99	mg/L	99
	0/05/93	LCSD934625			EMJA61310051000		1.00	0.99	mg/L	99
	Number of Sa	•	:	28		Below accepta		0		
	Mean % Reco	=	:	96.6		Above accepta	nce :	0		
	Standard Dev	viation	:	2.44		Acceptance Cr	iteria 8	30-120		
ype of Sp	iike : Matrix	Spike								
n	6/23/93	07-MW-02-DS~	US :	u	EMJA61306222200	0.01	1 00	1 00	ma /1	0.7
	6/23/93	07-MW-02-DS-				0.91	1.00	1.88	mg/L	97
	6/23/93 6/23/93				EMJA61306222200	0.91	1.00	1.89	mg/L	98
		12-MW-02-DS-			EMJA61306222200	0.26	1.00	1.22	mg/L	96
	6/23/93	12-MW-02-DS-	UJ I	7	EMJA61306222200	0.26	1.00	1.20	mg/L	95
	7/01/93	05-MW-06-03			EMJA61307012200	0.33	1.00	1.31	mg/L	98
	7/01/93	05-MW-06-03			EMJA61307012200	0.33	1.00	1.32	mg/L	99
	9/01/93	07-SW-03-01			EMJA61309010000	0.18	1.00	1.19	mg/L	100
	9/01/93	07-SW-03-01			EMJA61309010000	0.18	1.00	1.19	mg/L	100
	9/07/93	07-SW-03-01			EMJA61309071000	0.18	1.00	1.16	mg/L	98
	9/07/93	07-SW-03-01			EMJA61309071000	0.18	1.00	1.16	mg/L	98

NR = Not Reported * = Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID			BATCH ID		RIG. ESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
						<b>-</b>				
Method : SW6010	- Metals									
oiked Analyte : Barium	continued								,	
ype of Spike : Matrix	Spike									
09/24/93	05-MW-15-01	MS		EMJA61309240100		0.28	1.00 ·	1.22	mg/L	94
09/24/93	05-MW-15-01	MSD		EMJA61309240100		0.28	1.00	1.22	mg/L	95
09/24/93	06-MW-07-01	MS		EMJA61309240100		0.36	1.00	1.29	mg/L	93
09/24/93	06-MW-07-01	MSD		EMJA61309240100		0.36	1.00	1.29	mg/L	93
09/30/93	05-MW-15-01	MS		EMJA61309301400		0.29	1.00	1.28	mg/L	98
09/30/93	05-MW-15-01	MSD		EMJA61309301400		0.29	1.00	1.27	mg/L	98
Number of S	amples	:	 16		Below	acceptan	 ce :	0		
Mean % Reco	•	:	96.9			acceptan		0		

Acceptance Criteria 75-125

: 2.28

Method : SW6010 - Metals Spiked Analyte : Beryllium

Standard Deviation

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.98	mg/L	97	
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.99	mg/Ļ	99	
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.99	mg/L	99	
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.98	mg/L	98	
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.98	mg/Ľ	98	
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.99	mg/L	99	
08/27/93	LCS933746	EMJA61308271100	1.00	1.01	mg/L	101	
08/27/93	LCSD933746	EMJA61308271100	1.00	1.01	mg/L	101	
09/01/93	LCS933866	EMJA61309010000	1.00	0.98	mg/L	98	
09/01/93	LC\$933905	EMJA61309010000	1.00	0.93	mg/L	93	
09/01/93	LCSD933866	EMJA61309010000	1.00	0.98	mg/L	98	
09/01/93	LCSD933905	EMJA61309010000	1.00	0.93	mg/L	93	
09/07/93	LCS933866	EMJA61309071000	1.00	0.99	mg/L	99	
09/07/93	LCS933905	EMJA61309071000	1.00	0.94	mg/L	94	
09/07/93	LCSD933866	EMJA61309071000	1.00	0.99	mg/L	99	
09/07/93	LCSD933905	EMJA61309071000	1.00	0.95	mg/L	95	
09/17/93	LCS934378	EMJA61309171000	1.00	1.00	mg/L	100	
09/17/93	LCSD934378	EMJA61309171000	1.00	1.00	mg/L	100	
09/24/93	LCS934413	EMJA61309240100	1.00	0.90	mg/L	90	
09/24/93	LCS934458	EMJA61309240100	1.00	0.95	mg/L	95	
09/24/93	LCS934612	EMJA61309240100	1.00	0.96	mg/L	96	
09/24/93	LCSD934413	EMJA61309240100	1.00	0.91	mg/L	91	
09/24/93	LCSD934458	EMJA61309240100	1.00	0.94	mg/L	94	
09/24/93	LCSD934612	EMJA61309240100	1.00	0.98	mg/L	98	
09/30/93	LCS934612	EMJA61309301400	1.00	1.01	mg/L	101	
09/30/93	LCSD934612	EMJA61309301400	1.00	1.01	mg/L	101	
10/05/93	LCS934625	EMJA61310051000	1.00	1.01	mg/L	101	
10/05/93	LCSD934625	EMJA61310051000	1.00	1.02	mg/L	102	
Number of S	amples :	28	Below acceptance :	0			

AMALYZED CAMPLE ID DATELLED ONTO. APPOUNT RESULT %				 	 	
	DATE ANALYZED	SAMPLE ID	BATCH ID			% RECOVER

Method: SW6010 - Metals Spiked Analyte : Beryllium continued

Type of Spike : Laboratory Control

Mean % Recovery : 97.5 Above acceptance : Standard Deviation : 3*.*25 Acceptance Criteria 80-120

Type of Spike: Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.99	mg/L	99
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.98	mg/L	98
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.97	mg/L	97
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.98	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200		0.00	1.00	1.01	mg/L	101
07/01/93	05-MW-06-03	EMJA61307012200		0.00	1.00	1.01	mg/L	101
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	1.00	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	_	0.00	1.00	1.00	mg/L	100
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	1.01	mg/L	101
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	1.00	mg/L	100
09/24/93	05-MW-15-01 MS	EMJA61309240100	~	0.00	1.00	0.95	mg/L	95
09/24/93	05-MW-15-01 MSD	EMJA61309240100	-	0.00	1.00	0.96	mg/L	96
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.00	1.00	0.93	mg/L	93
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.00	1.00	0.93	mg/L	93
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.00	1.00	1.00	mg/L	100
09/30/93	05-MW-15-01 MSD	EMJA61309301400	-	0.00	1.00	1.00	mg/L	100

Number of Samples : 16

Mean % Recovery : 98.3 Standard Deviation : 2.72

Below acceptance : 0

Above acceptance : Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Cadmium

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200	1.00 .	0.95	mq/L	95
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.96	mg/L	96
08/27/93	LCS933746	EMJA61308271100	1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100	1.00	0.96	mg/L	96
09/01/93	LCS933866	EMJA61309010000	1.00	0.94	mg/L	94
09/01/93	LCS933905	EMJA61309010000	1.00	0.89	mg/L	89
09/01/93	LCSD933866	EMJA61309010000	1.00	0.95	mg/L	95
09/01/93	LCSD933905	EMJA61309010000	1.00	0.90	mg/L	90
09/07/93	LCS933866	EMJA61309071000	1.00	0.95	mg/L	95
					J	

Date Compiled: 30 April 1994

ND = Not Detected

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Method : SW6010							
oiked Analyte : Cadmiu	um continued						
pe of Spike : Laborat	cory Control						
09/07/93	LCS933905	EMJA61309071000		1.00	0.90	mg/L	90
09/07/93	LCSD933866	EMJA61309071000	•	1.00	0.95	mg/L	95
09/07/93	LCSD933905	EMJA61309071000		1.00	0.91	mg/L	91
09/17/93	LCS934378	EMJA61309171000		1.00	0.95	mg/L	95
09/17/93	LCSD934378	EMJA61309171000		1.00	0.95	mg/L	95
09/24/93	LCS934413	EMJA61309240100		1.00	0.88	mg/L	88
09/24/93	LCS934458	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCS934612	EMJA61309240100		1.00	0.95	mg/L	95
09/24/93	LCSD934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCSD934458	EMJA61309240100	•	1.00	0.93	mg/L	93
09/24/93	LCSD934612	EMJA61309240100		1.00	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400		1.00	0.97	mg/L	97
09/30/93	LCSD934612	EMJA61309301400		1.00	0.98	mg/L	98
10/05/93	LCS934625	EMJA61310051000		1.00	0.97	mg/L	97
10/05/93	LCSD934625	EMJA61310051000		1.00	0.97	mg/L	97
Number of S			Below accepta		0		
Mean % Reco	very : 94	.3	Above accepta		0		
Standard De	viation : 2	.79	Acceptance Cr	iteria 8	0-120		
ype of Spike : Matrix	Spike						
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.95	mg/L	95
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.94		94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.94	mg/L mg/L	93
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.96	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.96	-	
09/01/93	07-SW-03-01	EMJA61309010000	- 0.00			mg/L	96 95
09/01/93	07-SW-03-01			1.00	0.95	mg/L	
09/07/93	07-SW-03-01	EMJA61309010000 EMJA61309071000	- 0.00 0.00	1.00	0.95	mg/L	95 95
				1.00	0.95	mg/L	
09/07/93	07-SW-03-01	EMJA61309071000	0.00	1.00	0.95	mg/L	95
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.02	1.00	0.93	mg/L	92
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.02	1.00	0.94	mg/L	92
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.00	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.00	1.00	0.92		91
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.01	1.00	0.96	-	95
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.01	1.00	0.95	mg/L	94
Number of S	amples : 16		Below accepta		 0		
Mean % Reco	•	.9	Above accepta		0		
			p				

Acceptance Criteria 75-125

Standard Deviation : 1.65

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
							<u> </u>
Method : SW601 piked Analyte : Calci							
Type of Spike : Labora	atory Control						
06/23/93	LCS93-1202	EMJA61306222200		10.00	10.10	mg/L	101
06/23/93	LCS93-1336	EMJA61306222200		10.00	10.20	mg/L	102
06/23/93	LCSD93-1202	EMJA61306222200		10.00	10.20	mg/L	102
06/23/93	LCSD93-1336	EMJA61306222200		10.00	10.20	mg/L	102
07/01/93	LCS93-1475	EMJA61307012200		10.00	10.20	mg/L	102
07/01/93	LCSD93-1475	EMJA61307012200		10.00	10.30	mg/L	103
08/27/93	LCS933746	EMJA61308271100		10.00	9.83	mg/L	98
08/27/93	LCSD933746	EMJA61308271100		10.00	9.86	mg/L	99
09/01/93	LCS933866	EMJA61309010000		10.00	9.95	mg/L	99
09/01/93	LCS933905	EMJA61309010000		50.00	46.90	mg/L	94
09/01/93	LCSD933866	EMJA61309010000		10.00	9.96	mg/L	100
09/01/93	LCSD933905	EMJA61309010000		50.00	47.30	mg/L	95
09/07/93	LCS933866	EMJA61309071000		10.00	10.20	mg/L	102
09/07/93	LCS933905	EMJA61309071000		50.00	48.60	mg/L	97
09/07/93	LCSD933866	EMJA61309071000		10.00	10.20	mg/L	102
09/07/93	LCSD933905	EMJA61309071000		50.00	48.90	mg/L	98
09/17/93	LCS934378	EMJA61309171000		10.00	10.10	mg/L	101
09/17/93	LCSD934378	EMJA61309171000		10.00	10.10	mg/L	101
09/24/93	LCS934413	EMJA61309240100		50.00	47.20	mg/L	94
09/24/93	LCS934458	EMJA61309240100		10.00	9.78	mg/L	98
09/24/93	LCS934612	EMJA61309240100		10.00	9.99	mg/L	100
09/24/93	LCSD934413	EMJA61309240100		50.00	47.70	mg/L	95
09/24/93	LCSD934458	EMJA61309240100		10.00	9.80	mg/L	98
09/24/93	LCSD934612	EMJA61309240100		10.00	10.10		101
09/30/93	LCS934612	EMJA61309301400		10.00	10.30		103
09/30/93	LCSD934612	EMJA61309301400		10.00	10.30		103
10/05/93	LCS934625	EMJA61310051000		10.00	10.70		107
10/05/93	LCSD934625	EMJA61310051000		10.00	10.70		107
Number of S	amples : 28	 B	Below accepta	nce :	0		
Mean % Reco			Above accepta		0		
Standard De		3.34	Acceptance Cr		0-120		
			·				
/pe of Spike : Matrix	Spike						
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	105.00	10.00	116.00	mg/L	112
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	105.00	10.00	115.00	-	102
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	146.00	10.00	158.00		122
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	146.00	10.00	155.00		96
07/01/93	05-MW-06-03	EMJA61307012200	133.00	10.00	141.00		86
07/01/93	05-MW-06-03	EMJA61307012200	133.00	10.00	144.00		117
09/01/93	07-SW-03-01	EMJA61309010000	77.90	10.00	90.80	· ·	129
09/01/93	07-SW-03-01	EMJA61309010000	77.90	10.00	90.40		125
09/07/93 .	07-SW-03-01	EMJA61309071000	79.50	10.00	92.40	-	129

ND = Not Detected

DATE					ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID			BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Method : SW6010	- Metals								
piked Analyte : Calciu	m continued								
ype of Spike : Matrix	Spike								
09/24/93	05-MW-15-01	MS		EMJA61309240100	149.00	10.00	158.00	mg/L	86
09/24/93	05-MW-15-01	MSD		EMJA61309240100	149.00	10.00	159.00	mg/L	100
09/24/93	06-MW-07-01	MS		EMJA61309240100	233.00	10.00	246.00	mg/L	131
09/24/93	06-MW-07-01	MSD		EMJA61309240100	233.00	10.00	245.00	mg/L	122
09/30/93	05-MW-15-01	MS		EMJA61309301400	154.00	10.00	162.00	mg/L	80
09/30/93	05-MW-15-01	MSD		EMJA61309301400	154.00	10.00	163.00	mg/L	85
Number of S	amples	<del></del>	16		Below accepta	nce :	0		
Mean % Reco	very	:	109.7		Above accepta	nce :	4		
Standard De	viation	:	18.79		Acceptance Cr	iteria 7	5-125		

Method : SW6010 - Metals

Spiked Analyte : Chromium

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.96	mg/L	96	
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.97	mg/L	97	
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.97	mg/L	97	
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.97	mg/L	97	
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.98	mg/L	98	
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.99	mg/L	99	
08/27/93	LCS933746	EMJA61308271100	1.00 .	0.98	mg/L	98	
08/27/93	LCSD933746	EMJA61308271100	1.00	0.98	mg/L	97	
09/01/93	LCS933866	EMJA61309010000	1.00	0.97	mg/L	97	
09/01/93	LCS933905	EMJA61309010000	1.00	0.94	mg/L	94	
09/01/93	LCSD933866	EMJA61309010000	1.00	0.98	mg/L	98	
09/01/93	LCSD933905	EMJA61309010000	1.00	0.94	mg/L	94	
09/07/93	LCS933866	EMJA61309071000	1.00	0.97	mg/L	97	
09/07/93	LCS933905	EMJA61309071000	1.00	0.93	mg/L	93	
09/07/93	LCSD933866	EMJA61309071000	1.00	0.97	mg/L	97	
09/07/93	LCSD933905	EMJA61309071000	1.00	0.93	mg/L	93	
09/17/93	LCS934378	EMJA61309171000	1.00	0.97	mg/L	97	
09/17/93	LCSD934378	EMJA61309171000	1.00	0.97	mg/L	97	
09/24/93	LCS934413 .	EMJA61309240100	1.00	0.90	mg/L	90	
09/24/93	LCS934458	EMJA61309240100	1.00	0.94	mg/L	94	
09/24/93	LCS934612	EMJA61309240100	1.00	0.95	mg/L	95	
09/24/93	LCSD934413	EMJA61309240100	1.00	0.91	mg/L	91	
09/24/93	LCSD934458	EMJA61309240100	1.00	0.93	mg/L	93	
09/24/93	LCSD934612	EMJA61309240100	1.00	0.97	mg/L	97	
09/30/93	LCS934612	EMJA61309301400	1.00	1.00	mg/L	100	
09/30/93	LCSD934612	EMJA61309301400	1.00	1.00	mg/L	100	
10/05/93	LCS934625	EMJA61310051000	1.00	0.99	mg/L	99	
10/05/93	LCSD934625	EMJA61310051000	1.00	1.00	mg/L	100	
Number of Sa	emples : 2	8 Below a	cceptance :	0			

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
	CAMPLE TD	D. TOU. TO	ORIG.	AMOUNT	AMOUNT	RESULT	%
DATE			0010	AMOUNT	AMOUNT	DE0 *	

Method : SW6010 - Metals Spiked Analyte : Chromium continued

Type of Spike : Laboratory Control

Mean % Recovery : 96.3 Standard Deviation : 2.63

Above acceptance : 0 Acceptance Criteria 80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.95	mg/L	94
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.01	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.93	mq/L	93
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.98	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	_	0.00	1.00	0.97	mg/L	97
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01	EMJA61309010000		0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.96	mg/L	96
09/24/93	05-MW-15-01 MS	EMJA61309240100		0.00	1.00	0.93	mg/L	92
09/24/93	05-MW-15-01 MSD	EMJA61309240100		0.00	1.00	0.93	mg/L	93
09/24/93	06-MW-07-01 MS	EMJA61309240100	-	0.00	1.00	0.90	mg/L	90
09/24/93	06-MW-07-01 MSD	EMJA61309240100	-	0.00	1.00	0.91	mg/L	91
09/30/93	05-MW-15-01 MS	EMJA61309301400		0.00	1.00	0.97	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400		0.00	1.00	0.97	mg/L	96

Number of Samples

: 16 : 94.8

Below acceptance : Above acceptance : 0 0

Mean % Recovery Standard Deviation

: 2.54

Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Cobalt

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00 .	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.98	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.99	mg/L	98
08/27/93	LCS933746	EMJA61308271100	1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100	1.00	0.97	mg/L	97
09/01/93	LCS933866	EMJA61309010000	1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000	1.00	0.90	mg/L	90
09/01/93	LCSD933866	EMJA61309010000	1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000	1.00	0.91	mg/L	91
09/07/93	LCS933866	EMJA61309071000	1.00	0.96	mg/L	95

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
Method : SW6010	) - Metals						
oiked Analyte : Cobali							
ype of Spike : Laborat	tory Control						
09/07/93	LCS933905	EMJA61309071000		1.00	0.91	mg/L	91
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.91	mg/L	91
09/17/93	LCS934378	EMJA61309171000		1.00	0.97	mg/L	97
. 09/17/93	LCSD934378	EMJA61309171000		1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100		1.00	0.88	mg/L	88
09/24/93	LCS934458	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCS934612	EMJA61309240100		1.00	0.94	mg/L	94
09/24/93	LCSD934413	EMJA61309240100		1.00	0.89	mg/L	89
09/24/93	LCSD934458	EMJA61309240100		1.00	0.92	mg/L	92
09/24/93	LCSD934612	EMJA61309240100		1.00	0.95	mg/L	95
09/30/93	LCS934612	EMJA61309301400		1.00	0.98	mg/L	98
09/30/93	LCSD934612	EMJA61309301400		1.00	0.98	mg/L	98
10/05/93	LCS934625	EMJA61310051000		1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000		1.00	0.99	mg/L	99
Standard De	eviation : 3	.07	Acceptance Cr	iteria	80-120		
Type of Spike : Matrix	x Spike						
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.93	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.94	_	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.92	_	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.93		93
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.97	mg/L	97
07/01/93	05-MW-06-03	EMJA61307012200	0.00	1.00	0.98		98
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.96	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	0.00	1.00	0.96		96
09/07/93	07-SW-03-01	EMJA61309071000	0.00	1.00	0.95		95
09/07/93	07-SW-03-01	EMJA61309071000	0.00	1.00	0.95	mg/L	95
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.01	1.00	0.89		88
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.01	1.00	0.89		88
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.00	1.00	0.95		95
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.00	1.00	0.95	mg/L	94
Number of S	Samples : 16		Below accepta	nce :	0		
Mean % Reco	overy : 93	5	Above accepta	nco ·	0		
riean % Reco	overy . 33		Acceptance Cr		U		

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID			BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
					-		3FINED			KECUVE
Method : SW6010 piked Analyte : Copper										
Type of Spike : Labora										
06/23/93	LCS93-1202			EMJA61306222200			1 00	0.07	,,	
06/23/93	LCS93-1202 LCS93-1336						1.00	0.97	mg/L	97
06/23/93	LCSD93-1202			EMJA61306222200			1.00	0.98	mg/L	98
06/23/93				EMJA61306222200			1.00	0.99	mg/L	99
07/01/93	LCSD93-1336			EMJA61306222200			1.00	0.98	mg/L	98
	LCS93-1475			EMJA61307012200			1.00	0.98	mg/L	98
07/01/93	LCSD93-1475			EMJA61307012200			1.00	0.98	mg/L	98
08/30/93	LCS933452			EMJA61308301200			1.00	1.01	mg/L	101
08/30/93	LCSD933452			EMJA61308301200			1.00	1.01	mg/L	101
09/01/93	LCS933866			EMJA61309010000			1.00	0.97	mg/L	97
09/01/93	LCS933905			EMJA61309010000			1.00 .	0.93	mg/L	93
09/01/93	LCSD933866			EMJA61309010000			1.00	0.97	mg/L	97
09/01/93	LCSD933905			EMJA61309010000			1.00	0.94	mg/L	93
09/07/93	LCS933866			EMJA61309071000			1.00	0.98	mg/L	98
09/07/93	LCS933905			EMJA61309071000			1.00	0.93	mg/L	93
09/07/93	LCSD933866			EMJA61309071000			1.00	0.97	mg/L	97
09/07/93	LCSD933905			EMJA61309071000			1.00	0.93	mg/L	93
09/17/93	LCS934378			EMJA61309171000			1.00	0.96	mg/L	96
09/17/93	LCSD934378			EMJA61309171000			1.00	0.96	mg/L	96
09/24/93	LCS934413			EMJA61309240100			1.00	0.89	mg/L	89
09/24/93	LCS934458			EMJA61309240100			1.00	0.93	mg/L	93
09/24/93	LCS934612			EMJA61309240100			1.00	0.95	mg/L	95
09/24/93	LCSD934413			EMJA61309240100			1.00	0.90	mg/L	90
09/24/93	LCSD934458			EMJA61309240100			1.00	0.93	mg/L	93
09/24/93	LCSD934612			EMJA61309240100			1.00	0.96	mg/L	96
09/30/93	LCS934612			EMJA61309301400			1.00	0.99	mg/L	99
09/30/93	LCSD934612			EMJA61309301400			1.00	0.99	mg/L	98
10/05/93	LCS934625			EMJA61310051000			1.00	0.98	mg/L	98
10/05/93	LCSD934625			EMJA61310051000			1.00	0.99	mg/L	99
Number of Sa	amples	:	28		Belo	w acceptar	nce :	0		
Mean % Recov	very	:	96.2		Abov	e acceptar	nce :	0		
Standard Dev	viation	:	3.03		Acce	eptance Cri	iteria _8	0-120		
/pe of Spike : Matrix	Spike									
06/23/93	07-MW-02-DS-	ו צו	4	EM 146120622222		0.00	1.00	0.00	,,	0.0
06/23/93	07-MW-02-DS-			EMJA61306222200 EMJA61306222200		0.00	1.00	0.96	mg/L	96
06/23/93	12-MW-02-DS-					0.00	1.00	0.97	mg/L	97
06/23/93	12-MW-02-DS-			EMJA61306222200		0.00	1.00	0.95	mg/L	95
07/01/93		ו כנ	ï	EMJA61306222200		0.00	1.00	0.96	mg/L	96
07/01/93	05-MW-06-03			EMJA61307012200	-	0.00	1.00	0.99	mg/L	99
	05-MW-06-03			EMJA61307012200	-	0.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-01			EMJA61309010000		0.00	1.00	0.99	mg/L	98
09/01/93	07-SW-03-01			EMJA61309010000		0.00	1.00	0.99	mg/L	99
09/07/93	07-SW-03-01			EMJA61309071000		0.01	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01			EMJA61309071000		0.01	1.00	0.98	mg/L	98

DATE	•					ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID			BATCH ID		RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Method : SW6010	- Metals									
oiked Analyte : Copper	continued									
ype of Spike : Matrix	Spike						•			
09/24/93	05-MW-15-01	MS		EMJA61309240100		0.00	1.00	0.93	mg/L	93
09/24/93	05-MW-15-01	MSD		EMJA61309240100		0.00	1.00	0.94	mg/L	94
09/24/93	06-MW-07-01	MS		EMJA61309240100		0.00	1.00	0.92	mg/L	92
09/24/93	06-MW-07-01	MSD		EMJA61309240100		0.00	1.00	0.93	mg/L	92
09/30/93	05-MW-15-01	MS		EMJA61309301400	-	0.00	1.00	0.97	mg/L	97
09/30/93	05-MW-15-01	MSD		EMJA61309301400	-	0.00	1.00	0.96	mg/L	97
Number of Sa	amples	:	16		Belo	w accepta	nce :	0		
Mean % Reco	very	:	96.1		Abov	e accepta	nce :	0		
Standard Dev	viation	:	2.31		Acce	ptance Cr	iteria 7	5-125		

Method : SW6010 - Metals

Spiked Analyte : Iron

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	10.00	9.53	mg/L	95
	LCS93-1202 LCS93-1336	EMJA61306222200	10.00	9.65	mg/L	96
06/23/93					_	
06/23/93	LCSD93-1202	EMJA61306222200	10.00	9.73	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200	10.00		mg/L	96
07/01/93	LCS93-1475	EMJA61307012200	10.00	9.83	mg/L	98
07/01/93	LCSD93-1475	EMJA61307012200	10.00	9.96	mg/L	100
08/27/93	LCS933746	EMJA61308271100	10.00	9.46	mg/L	95
08/27/93	LCSD933746	EMJA61308271100	10.00	9.50	mg/L	95
09/01/93	LCS933866	EMJA61309010000	10.00	9.83	mg/L	98
09/01/93	LCS933905	EMJA61309010000	50.00	46.40	mg/L	93
09/01/93	LCSD933866	EMJA61309010000	10.00	9.87	mg/L	99
09/01/93	LCSD933905	EMJA61309010000	50.00	46.80	mg/L	94
09/07/93	LCS933866	EMJA61309071000	10.00	9.82	mg/L	98
09/07/93	LCS933905	EMJA61309071000	50.00	46.20	mg/L	92
09/07/93	LCSD933866	EMJA61309071000	10.00	9.79	mg/L	98
09/07/93	LCSD933905	EMJA61309071000	50.00	46.50	mg/L	93
09/17/93	LCS934378	EMJA61309171000	10.00	9.69	mg/L	97
09/17/93	LCSD934378	EMJA61309171000	10.00	9.66	mg/L.	97
09/24/93	LCS934413	EMJA61309240100	50.00	45.30	mg/L	91
09/24/93	LCS934458	EMJA61309240100	10.00	9.36	mg/L	94
09/24/93	LCS934612	EMJA61309240100	10.00	9.56	mg/L	96
09/24/93	LCSD934413	EMJA61309240100	50.00	45.80	mg/L	92
09/24/93	LCSD934458	EMJA61309240100	10.00	9.37	mg/L	94
09/24/93	LCSD934612	EMJA61309240100	10.00	9.67	mg/L	97
09/30/93	LCS934612	EMJA61309301400	10.00	10.10	mg/L	101
09/30/93	LCSD934612	EMJA61309301400	10.00	9.95	mg/L	100
10/05/93	LCS934625	EMJA61310051000	10.00	10.30	mg/L	103
10/05/93	LCSD934625	EMJA61310051000	10.00	10.40	mg/L	104
Number of Samp	les : 28		Below acceptance :	0		

DATE ORIG. AMOUNT . RESULT AMOUNT % ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED RECOVERY -----

Method : SW6010 - Metals Spiked Analyte : Iron continued

Type of Spike : Laboratory Control

Mean % Recovery : 96.5 Above acceptance : Standard Deviation : 3.23 Acceptance Criteria 80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	12.60	10.00	22.00	mq/L	94
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	12.60	10.00	21.90	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.04	10.00	9.34	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.04	10.00	9.28	mq/L	92
07/01/93	05-MW-06-03	EMJA61307012200	27.40	10.00 -	36.80	mg/L	94
07/01/93	05-MW-06-03	EMJA61307012200	27.40	10.00	37.50	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	2.84	10.00	12.80	mg/L	99
09/01/93	07-SW-03-01	EMJA61309010000	2.84	10.00	12.80	mq/L	99
09/07/93	07-SW-03-01	EMJA61309071000	2.81	10.00	12.60	mg/L	98
09/07/93	07-SW-03-01	EMJA61309071000	2.81	10.00	12.70	mg/L	99
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.12	10.00	9.43	mg/L	93
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.12	10.00	9.44	mg/L	93
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.35	10.00	9.43	mg/L	91
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.35	10.00	9.49	mg/L	91
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.12	10.00	9.80	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.12	10.00	9.74	mg/L	96
						-	

Number of Samples Mean % Recovery : 95.1 Standard Deviation

: 3.12

Below acceptance : Above acceptance : 0 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Lead

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.99	mg/L	99
06/23/93	LCS93-1336	EMJA61306222200	1.00	1.00	mg/L	100
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.98	mg/L	98
07/01/93	LCS93-1475	EMJA61307012200	1.00	1.00	mg/L	100
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100	1.00	0.96	mg/L	96
08/27/93	LCSD933746	EMJA61308271100	1.00	0.97	mg/L	97
09/01/93	LCS933866	EMJA61309010000	1.00	1.00	mg/L	100
09/01/93	LCS933905	EMJA61309010000	1.00	0.94	mg/L	94
09/01/93	LCSD933866	EMJA61309010000	1.00	0.99	mg/L	99
09/01/93	LCSD933905	EMJA61309010000	1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000	1.00	0.96	mg/L	96
					-	

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID		BATCH ID	OR:	IG. SULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
									<del></del>
Method : Sw	6010 - Metals								
iked Analyte : Le	ad continued								
pe of Spike : Lab	oratory Control					•			
09/07/93	LCS933905		EMJA61309071000			1.00	0.93	mg/L	93
09/07/93	LCSD933866		EMJA61309071000			1.00	0.97	mg/L	97
09/07/93	LCSD933905		EMJA61309071000			1.00	0.94	mg/L	94
09/17/93	LCS934378		EMJA61309171000			1.00	0.97	mg/L	97
09/17/93	LCSD934378		EMJA61309171000			1.00	0.97	mg/L	97
09/24/93	LCS934413		EMJA61309240100			1.00	0.89	mg/L	89
09/24/93	LCS934458		EMJA61309240100			1.00	0.94	mg/L	94
09/24/93	LCS934612		EMJA61309240100			1.00	0.96	mg/L	96
09/24/93	LCSD934413		EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCSD934458		EMJA61309240100			1.00	0.92	mg/L	92
09/24/93	LCSD934612		EMJA61309240100			1.00	1.00	mg/L	100
09/30/93	LCS934612		EMJA61309301400			1.00	0.98	mg/L	98
09/30/93	LCSD934612		EMJA61309301400			1.00	1.02	mg/L	102
10/05/93	LCS934625		EMJA61310051000			1.00	1.01	mg/L	101
10/05/93	LCSD934625		EMJA61310051000			1.00	0.97	mg/L	97
Number	of Samples	: 28	3	Below a	ccepta	 nce :	 0		
Mean %	Recovery	: 9	96.6	Above a	ccepta	nce :	0		
Standar	d Deviation	:	3.21	Accepta	nce Cr	iteria 8	0-120		
ype of Spike : Ma	triv Snika					•			
					•				
06/23/93	07-MW-02-D		EMJA61306222200		.02	1.00	0.97	mg/L	95
06/23/93	07-MW-02-D		EMJA61306222200		.02	1.00	0.95	mg/L	93
06/23/93	12-MW-02-D		EMJA61306222200		.01	1.00	0.96	mg/L	95
06/23/93	12-MW-02-D		EMJA61306222200		.01	1.00	0.95	mg/L	94.
07/01/93	05-MW-06-0		EMJA61307012200		.00	1.00	0.98	mg/L	99
07/01/93	05- <b>MW-</b> 06-0		EMJA61307012200		.00	1.00	0.97	mg/L	97
09/01/93	07-SW-03-0		EMJA61309010000		.00	1.00	0.98	mg/L	98
09/01/93	07-SW-03-0		EMJA61309010000		.00	1.00	0.98	mg/L	98
09/07/93	07-SW-03-0		EMJA61309071000		.01	1.00	0.96	mg/L	95
09/07/93	07-SW-03-0		EMJA61309071000		.01	1.00	0.97	mg/L	96
09/24/93	06-MW-07-0		EMJA61309240100		.01	1.00	0.90	mg/L	92
09/24/93	06-MW-07-0		EMJA61309240100	- 0	.01	1.00	0.90	mg/L	92
09/30/93	05-MW-15-0		EMJA61309301400		.19	1.00	0.98	mg/L	79
09/30/93	05-MW-15-0	L MSD	EMJA61309301400	0	. 19	1.00	0.96	mg/L	76
Number	of Samples	: 14		Below a	ccentar	nce :	- <b></b> 0		
							-		

Mean % Recovery

Standard Deviation

ND = Not Detected

: 92.8

: 6.85

NC = Not Calculable

Above acceptance :

Acceptance Criteria 75-125

DATE				ORIG.	AMOUNT	AMOUNT	RESUL	Т %
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
				~~~~~~				
Method : SW6010 piked Analyte : Magnes								
-								
Type of Spike : Labora	atory Control							
06/23/93	LCS93-1202		EMJA61306222200		10.00	9.73	mg/L	97
06/23/93	LCS93-1336		EMJA61306222200		10.00	9.82	mg/L	98
06/23/93	LCSD93-1202		EMJA61306222200		10.00	9.93	mg/L	99
06/23/93	LCSD93-1336		EMJA61306222200		10.00	9.81	mg/L	98
07/01/93	LCS93-1475		EMJA61307012200		10.00	9.83	mg/L	98
07/01/93	LCSD93-1475		EMJA61307012200		10.00	9.95	mg/L	100
08/27/93	LCS933746		EMJA61308271100		10.00	9.44	mg/L	94
08/27/93	LCSD933746		EMJA61308271100		10.00	9.44	mg/L	94
09/01/93	LCS933866		EMJA61309010000		10.00	9.74	mg/L	97
09/01/93	LCS933905		EMJA61309010000		50.00	47.00 ·	mg/L	94
09/01/93	·LCSD933866		EMJA61309010000		10.00	9.78	mg/L	98
09/01/93	LCSD933905		EMJA61309010000		50.00	47.20	mg/L	94
09/07/93	LCS933866		EMJA61309071000		10.00	9.72	mg/L	97
09/07/93	LCS933905		EMJA61309071000		50.00	46.30	mg/L	93
09/07/93	LCSD933866		EMJA61309071000		10.00	9.69	mg/L	97
09/07/93	LCSD933905		EMJA61309071000		50.00	46.60	mg/L	93
09/17/93	LCS934378		EMJA61309171000		10.00	9.57	mg/L	96
09/17/93	LCSD934378		EMJA61309171000		10.00	9.52	mg/L	95
09/24/93	LCS934413		EMJA61309240100		50.00	46.30	mg/L	93
09/24/93	LCS934458		EMJA61309240100		10.00	9.51	mg/L	95
09/24/93	LCS934612		EMJA61309240100		10.00	9.68	mg/L	97
09/24/93	LCSD934413		EMJA61309240100		50.00	46.70	mg/L	93
09/24/93	LCSD934458		EMJA61309240100		10.00	9.53	mg/L	95
09/24/93	LCSD934612		EMJA61309240100		10.00	9.80	mg/L	98
09/30/93	LCS934612		EMJA61309301400		10.00	9.75	mg/L	98
09/30/93	LCSD934612		EMJA61309301400		10.00	9.77	mg/L	98
10/05/93	LCS934625		EMJA61310051000		10.00	9.97	mg/L	100
10/05/93	LCSD934625		EMJA61310051000		10.00	10.00	mg/L	100
Number of Sa	amples	: 28		Below accepta	nce ·	- 0		
Mean % Recov	•		5.4	Above accepta		0		
Standard Dev	•		2.28	Acceptance Cr		=		
				Acceptance of	itelia .o.	0-120		
pe of Spike : Matrix	Spike							
06/23/93	07-MW-02-DS-	D3 M	EMJA61306222200	99.10	10.00	110.00	mg/L	112
06/23/93	07-MW-02-DS-	03 M	EMJA61306222200	99.10	10.00	109.00	mg/L	102
06/23/93	12-MW-02-DS-	03 M	EMJA61306222200	26.90	10.00	36.60	mg/L	96
06/23/93	12-MW-02-DS-	03 M	EMJA61306222200	26.90	10.00	37.00	mg/L	101
07/01/93	05-MW-06-03		EMJA61307012200	27.30	10.00	36.80	mg/L	96
07/01/93	05-MW-06-03		EMJA61307012200	27.30	10.00	37.60	mg/L	103
09/01/93	07-SW-03-01		EMJA61309010000	42.70	10.00	54.40	mg/L	103
09/01/93	07-SW-03-01		EMJA61309010000	42.70	10.00	54.40		
09/07/93	07-SW-03-01		EMJA61309071000	42.70			mg/L	114
09/07/93	07-SW-03-01				10.00	53.40	mg/L	113
55, 31, 55	0, 24,02-01		EMJA61309071000	42.20	10.00	53.70	mg/L	115

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : S	W6010 - Metals							
piked Analyte : M	lagnesium continued				•			
ype of Spike : Ma	trix Spike							
09/24/93	05-MW-15-01	MS	EMJA61309240100	31.10	10.00	40.40	mg/L	93
09/24/93 09/24/93			EMJA61309240100 EMJA61309240100	31.10 31.10	10.00 10.00	40.40	mg/L mg/L	93 96
· · · · · · · · · · · · · · · · · · ·	05-MW-15-01	MSD					-	
09/24/93	05-MW-15-01 06-MW-07-01	MSD MS	EMJA61309240100	31.10	10.00	40.80	mg/L	96
09/24/93 09/24/93	05-MW-15-01 06-MW-07-01 06-MW-07-01	MSD MS MSD	EMJA61309240100 EMJA61309240100	31.10 62.60	10.00 10.00	40.80 73.10	mg/L mg/L	96 105

Acceptance Criteria 75-125 Standard Deviation : 8.64

Method : SW6010 - Metals Spiked Analyte : Manganese

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.96	mg/L	96
06/23/93	LCSD93-1202	EMJA61306222200 ·	1.00	0.97	mg/L	97
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.97	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100	1.00	0.97	mg/L	97
08/27/93	LCSD933746	EMJA61308271100	1.00	0.97	mg/L	97
09/01/93	LCS933866	EMJA61309010000	1.00	0.96	mg/L	96
09/01/93	LCS933905	EMJA61309010000	1.00	0.92	mg/L	92
09/01/93	LCSD933866	EMJA61309010000	1.00	0.97	mg/L	97
09/01/93	LCSD933905	EMJA61309010000	1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000	1.00	0.96	mg/L	96
09/07/93	LCS933905	EMJA61309071000	1.00	0.92	mg/L	92
09/07/93	LCSD933866	EMJA61309071000	1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000	1.00	0.93	mg/L	93
09/17/93	LCS934378	EMJA61309171000	1.00	0.97	mg/L	97
09/17/93	LCSD934378	EMJA61309171000	1.00	0.96	mg/L	96
09/24/93	LCS934413	EMJA61309240100	1.00	0.89	mg/L	89
09/24/93	LCS934458	EMJA61309240100	1.00	0.93	mg/L	93
09/24/93	LCS934612	EMJA61309240100	1.00	0.95	mg/L	95
09/24/93	LCSD934413	EMJA61309240100	1.00	0.90	mg/L	90
09/24/93	LCSD934458	EMJA61309240100	1.00	0.93	mg/L	92
09/24/93	LCSD934612	EMJA61309240100	1.00	0.95	mg/L	95
09/30/93	LCS934612	EMJA61309301400	1.00 -	0.99	mg/L	99
09/30/93	LCSD934612	EMJA61309301400	1.00	0.99	mg/L	99
10/05/93	LCS934625	EMJA61310051000	1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000	1.00	0.99	mg/L	99
Number of	Samples : 2	8 Below	acceptance :	0		

Date Compiled: 30 April 1994

ND = Not Detected

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW6010 - Metals Spiked Analyte : Manganese continued

Type of Spike : Laboratory Control

Mean % Recovery : 95.3 Above acceptance : 0
Standard Deviation : 2.71 Acceptance Criteria 80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.16	1.00	1.09	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.16	1.00	1.10	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.06	1.00	0.99	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.06	1.00	0.98	mg/L	92
07/01/93	05-MW-06-03	EMJA61307012200	2.81	1.00	3.81	mg/L	101
07/01/93	05-MW-06-03	EMJA61307012200	2.81	1.00	3.75	mg/L	94
09/01/93	07-SW-03-01	EMJA61309010000	0.10	1.00	1.08	mg/L	97
09/01/93	07-SW-03-01	EMJA61309010000	0.10	1.00	1.08	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	0.10	1.00	1.07	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	0.10	1.00	1.06	mg/L	97
09/24/93	05-MW-15-01 MS	EMJA61309240100	2.98	1.00	3.88	mg/L	89
09/24/93	05-MW-15-01 MSD	EMJA61309240100	2.98	1.00	3.90	mg/L	92
09/24/93	06-MW-07-01 MS	EMJA61309240100	1.75	1.00	2.67	mg/L	92
09/24/93	06-MW-07-01 MSD	EMJA61309240100	1.75	1.00	2.67	mg/L	92
09/30/93	05-MW-15-01 MS	EMJA61309301400	3.14	1.00	4.05	mg/L	91
09/30/93	05-MW-15-01 MSD	EMJA61309301400	3.14	1.00	4.05	mg/L	92

Number of Samples : 16 Mean % Recovery : 93.9 Standard Deviation : 3.07 Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 75-125

Method : SW6010 - Metals Spiked Analyte : Molybdenum

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.94	mg/L	94
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.95	mg/L	95
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.96	mg/L	96
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.96	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.96	mg/L	96
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.97	mg/L	97
08/27/93	LCS933746	EMJA61308271100	1.00	0.93	mg/L	93
08/27/93	LCSD933746	EMJA61308271100	1.00	0.94	mg/L	94
09/01/93	LCS933866	EMJA61309010000	1.00	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000	1.00	0.92	mg/L	92
09/01/93	LCSD933866	EMJA61309010000	1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000	1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000	1.00	0.94	mg/L	94

DATE ANALYZED	SAMPLE ID	BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010	- Metals							
iked Analyte : Molybd	enum continued							
pe of Spike : Laborat	ory Control							
09/07/93	LCS933905	EMJA61309071000			1.00	0.90	mg/L	90
09/07/93	LCSD933866	EMJA61309071000			1.00	0.94	mg/L	94
09/07/93	LCSD933905	EMJA61309071000			1.00	0.91	mg/L	91
09/24/93	LCS934413	EMJA61309240100			1.00	0.88	mg/L	88
09/24/93	LCS934458	EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCS934612	EMJA61309240100			1.00	0.93	mg/L	93
09/24/93	LCSD934413	EMJA61309240100			1.00	0.89	mg/L	89
09/24/93	LCSD934458	EMJA61309240100			1.00	0.91	mg/L	91
09/24/93	LCSD934612	EMJA61309240100			1.00	0.94	mg/L	94
09/30/93	LCS934612	EMJA61309301400			1.00	0.94	mg/L	94
09/30/93	LCSD934612	EMJA61309301400			1.00	0.95	mg/L	94
10/05/93	LCS934625	EMJA61310051000			1.00	0.98	mg/L	98
10/05/93	LCSD934625	EMJA61310051000			1.00	0.99	mg/L	98
Number of S	amples : 26		Belc	w accepta	nce :	0		
Mean % Reco		.7		e accepta		0		
Standard De	-	.61		ptance Cr		0-120		
ype of Spike : Matrix	Spike							
00 (03 (03	07 NU 00 DC 02 N	EN 1861 206222200		0.00	1 00	0.02	ma/l	02
06/23/93	07-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.93	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	,	0.00	1.00	0.94	mg/L	94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200		0.00	1.00	0.92	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	-	0.00	1.00	0.92	mg/L	92
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.96	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	-	0.00	1.00	0.96	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.96	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	-	0.00	1.00	0.97	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.94	mg/L	94
09/07/93	07-SW-03-01	EMJA61309071000		0.00	1.00	0.95	mg/L	94
09/24/93	05-MW-15-01 MS	EMJA61309240100		0.00	1.00	0.91	mg/L	91
09/24/93	05-MW-15-01 MSD	EMJA61309240100		0.00	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MS	EMJA61309240100		0.00	1.00	0.89	mg/L	88
09/24/93	06-MW-07-01 MSD	EMJA61309240100		0.00	1.00	0.89	mg/L	89
09/30/93	05-MW-15-01 MS	EMJA61309301400	-	0.00	1.00	0.92	mg/L	92
09/30/93 	05-MW-15-01 MSD	EMJA61309301400	-	0.00	1.00	0.92	mg/L 	92
Number of S	amples : 16				nce : .	0		
Mean % Reco	very : 92	.9	Abov	e accepta	nce :	0		

Mean % Recovery Standard Deviation : 2.57

Above acceptance : Acceptance Criteria 75-125

	DATE						RIG.	AMOUN		RESULT	
	ANALYZED	SAMPLE ID			BATCH ID	F 	RESULT	SPIKE	RECOVERED	UNIT	RECOV
Me	ethod : SW6010	- Metals									
ked Ana	alyte : Nickel										
pe of S	Spike : Labora	tory Control									
	06/23/93	LCS93-1202			EMJA61306222200			1.00	0.96	mg/L	96
	06/23/93	LCS93-1336			EMJA61306222200.			1.00	0.95	mg/L	95
	06/23/93	LCSD93-1202			EMJA61306222200			1.00	0.98	mg/L	98
	06/23/93	LCSD93-1336			EMJA61306222200			1.00	0.96	mg/L	96
	07/01/93	LCS93-1475			EMJA61307012200			1.00	0.98	mg/L	98
	07/01/93	LCSD93-1475			EMJA61307012200			1.00	0.98	mg/L	98
	08/27/93	LCS933746			EMJA61308271100			1.00	0.96	mg/L	96
	08/27/93	LCSD933746			EMJA61308271100			1.00	0.99	mg/L	99
	09/01/93	LCS933866			EMJA61309010000			1.00	0.99	mg/L	99
	09/01/93	LCS933905			EMJA61309010000			1.00	0.91	mg/L	91
	09/01/93	LCSD933866			EMJA61309010000			1.00	0.98	mg/L	98
	09/01/93	LCSD933905			EMJA61309010000			1.00	0.92	mg/L	92
	09/07/93	LCS933866			EMJA61309071000			1.00	0.98	mg/L	98
•	09/07/93	LCS933905			EMJA61309071000			, 1.00	0.94	mg/L	94
	09/07/93	LCSD933866			EMJA61309071000			1.00	0.98	mg/L	98
	09/07/93	LCSD933905			EMJA61309071000			1.00	0.94	mg/L	94
	09/17/93	LCS934378			EMJA61309171000			1.00	0.99	mg/L	99
	09/17/93	LCSD934378			EMJA61309171000			1.00	0.97	mg/L	97
	09/24/93	LCS934413			EMJA61309240100			1.00	0.90	mg/L	90
	09/24/93	LCS934458			EMJA61309240100			1.00	0.95	mg/L	95
	09/24/93	LCS934612			EMJA61309240100			1.00	0.96	mg/L	96
	09/24/93	LCSD934413			EMJA61309240100			1.00	0.91	mg/L	91
	09/24/93	LCSD934458			EMJA61309240100			1.00	0.93	mg/L	93
	09/24/93	LCSD934612			EMJA61309240100			1.00	0.97	mg/L	97
1	09/30/93	LCS934612			EMJA61309301400			1.00	1.00		100
	09/30/93	LCSD934612			EMJA61309301400			1.00	1.01		101
	10/05/93	LCS934625			EMJA61310051000			1.00	1.00		100
:	10/05/93	LCSD934625			EMJA61310051000			1.00	0.99	_	99
	Number of Sa	amples	: 28	 3		 Relow	accepta	nce ·	 0		
	Mean % Recov	•		36.4			accepta		0		
	Standard Dev	-	:	2.96			tance Cr		80-120		
e of Sp	pike : Matrix	Spike									
	06/23/93	07-MW-02-DS-			EMJA61306222200	-	0.01	1.00	0.94	mg/L	95
	06/23/93	07-MW-02-DS-	03 M		EMJA61306222200	-	0.01	1.00	0.92	mg/L	93
	06/23/93	12-MW-02-DS-	03 M		EMJA61306222200	-	0.00	1.00	0.92	mg/L	92
(06/23/93	12-MW-02-DS-	03 M		EMJA61306222200	-	0.00	1.00	0.93		93
(07/01/93	05-MW-06-03			EMJA61307012200		0.01	1.00	0.98		97
(07/01/93	05-MW-06-03			EMJA61307012200		0.01	1.00	0.97		96
	09/01/93	07-SW-03-01			EMJA61309010000	-	0.00	1.00	0.97		97
(
	09/01/93	07-SW-03-01			EMJA61309010000	-	0.00	1.00	0.97	mg/L	97
(09/01/93 09/07/93	07-SW-03-01 07-SW-03-01			EMJA61309010000 EMJA61309071000	-	0.00	1.00 1.00	0.97 0.98		97 96

ND = Not Detected

NC = Not Calculable

DATE		•		ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Method : SW6010	- Metals					•		
piked Analyte : Nickel	continued							
ype of Spike : Matrix	Spike							
09/24/93	05-MW-15-01 M	S	EMJA61309240100	0.01	1.00	0.93	mg/L	92
09/24/93	05-MW-15-01 M	SD	EMJA61309240100	0.01	1.00	0.94	mg/L	93
09/24/93	06-MW-07-01 M	S	EMJA61309240100	0.02	1.00	0.90	mg/L	89
09/24/93	06-MW-07-01 M	SD	EMJA61309240100	0.02	1.00	0.92	mg/L	90
09/30/93	05-MW-15-01 M	S	EMJA61309301400	0.00	1.00	0.97	mg/L	96
09/30/93	05-MW-15-01 M	SD	EMJA61309301400	0.00	1.00	0.95	mg/L	95
Number of S	 amples	 : 16		Below acce	ptance :	0		
Mean % Reco	very	: 94.3		Above acce	ptance :	0		

Acceptance Criteria 75-125

: 2.59

Method : SW6010 - Metals

Standard Deviation

Type of Spike : Laboratory Control

Spiked Analyte : Potassium

06/23/93	LCS93-1202	EMJA61306222200	20.00	18.80	mg/L	94	
06/23/93	LCS93-1336	EMJA61306222200	20.00	19.10	mg/L	96	
06/23/93	LCSD93-1202	EMJA61306222200	20.00	19.00	mg/L	95	
06/23/93	LCSD93-1336	EMJA61306222200	20.00	19.20	mg/L	96	
07/01/93	LCS93-1475	EMJA61307012200	20.00	19.60	mg/L	98	
07/01/93	LCSD93-1475	EMJA61307012200	20.00	19.50	mg/L	97	
08/27/93	LCS933746	EMJA61308271100	20.00	18.40	mg/L	92	
08/27/93	LCSD933746	EMJA61308271100	20.00	18.40	mg/L	92	
09/01/93	LCS933866	EMJA61309010000	20.00	19.40	mg/L	97	
09/01/93	LCS933905	EMJA61309010000	50.00	47.40	mg/L	95	
09/01/93	LCSD933866	EMJA61309010000	20.00	19.60	mg/L	98	
09/01/93	LCSD933905	EMJA61309010000	50.00	47.20	mg/L	94	
09/07/93	LCS933866	EMJA61309071000	20.00	18.50	mg/L	93	
09/07/93	LCS933905	EMJA61309071000	50.00	44.50	mg/L	89	
09/07/93	LCSD933866	EMJA61309071000	20.00	18.60	mg/L	93	
09/07/93	LCSD933905	EMJA61309071000	50.00	44.60	mg/L	89	
09/17/93	LCS934378	EMJA61309171000	20.00	18.50	mg/L	92	
09/17/93	LCSD934378	EMJA61309171000	20.00	18.70	mg/L	93	
09/24/93	LCS934413 ·	EMJA61309240100	50.00	45.40	mg/L	91	
09/24/93	LCS934458	EMJA61309240100	20.00	18.20	mg/L	91	
09/24/93	LCS934612	EMJA61309240100	20.00	18.90	mg/L	95	
09/24/93	LCSD934413	EMJA61309240100	50.00	45.20	mg/L	90	
09/24/93	LCSD934458	EMJA61309240100	20.00	18.60	mg/L	93	
09/24/93	LCSD934612	EMJA61309240100	20.00	19.00	mg/L	95	
09/30/93	LCS934612	EMJA61309301400	20.00	19.10	mg/L	96	
09/30/93	LCSD934612	EMJA61309301400	20.00	19.30	mg/L	97	
10/05/93	LCS934625	EMJA61310051000	20.00	19.00	mg/L	95	
10/05/93	LCSD934625	EMJA61310051000	20.00	19.40	mg/L	97	
Number of Sa	amples : 2	28 Below a	acceptance :	0			

DATE ORIG. AMOUNT AMOUNT RESULT % ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVER

Method: SW6010 - Metals Spiked Analyte : Potassium continued

Type of Spike : Laboratory Control

Mean % Recovery : 94.0 Above acceptance : Standard Deviation : 2.62 Acceptance Criteria .80-120

Type of Spike : Matrix Spike

06/	23/93	07-MW-02-DS-03 M	EMJA61306222200		4.76	20.00	24.30	mg/L	98
06/	23/93	07-MW-02-DS-03 M	EMJA61306222200		4.76	20.00	24.30	mg/L	98
06/	23/93	12-MW-02-DS-03 M	EMJA61306222200		2.50	20.00	21.70	mg/L	96
06/	23/93	12-MW-02-DS-03 M	EMJA61306222200		2.50	20.00	21.70	mg/L	96
07/	01/93	05-MW-06-03	EMJA61307012200		2.32	20.00	22.00	mg/L	98
07/	01/93	05-MW-06-03	EMJA61307012200		2.32	20.00	22.80	mg/L	103
09/	01/93	07-SW-03-01	EMJA61309010000	-	0.08	20.00	20.40	mg/L	102
09/	01/93	07-SW-03-01	EMJA61309010000	-	0.08	20.00	20.30	mg/L	102
09/	07/93	07-SW-03-01	EMJA61309071000		0.42	20.00	19.20	mg/L	94
09/	07/93	07-SW-03-01	EMJA61309071000		0.42	20.00	19.30	mg/L	94
09/	24/93	05-MW-15-01 MS	EMJA61309240100		3.56	20.00	22.10	mg/L	93
09/	24/93	05-MW-15-01 MSD	EMJA61309240100		3.56	20.00	22.40	mg/L	94
09/	24/93	06-MW-07-01 MS	EMJA61309240100		5.84	20.00	24.30	mg/L	92
09/	24/93	06-MW-07-01 MSD	EMJA61309240100		5.84	20.00	24.50	mg/L	93
	30/93	05-MW-15-01 MS	EMJA61309301400		3.38	20.00	22.40	mg/L	95
09/3	30/93	05-MW-15-01 MSD	EMJA61309301400		3.38	20.00	22.30	mg/L	94

Number of Samples : 16 Below acceptance : Mean % Recovery : 96.4 Above acceptance : Standard Deviation : 3.48 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Selenium

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.97	mg/L	97
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.98	mg/L	98
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.99	mg/L	99
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.99	mg/L	99
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.93	mg/L	93
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.97	mg/L	97
08/27/93	LCS933746	EMJA61308271100	1.00	0.93	mg/L	93
08/27/93	LCSD933746	EMJA61308271100	1.00	0.96	mg/L	96
09/01/93	LCS933866	EMJA61309010000	1.00	0.97	mg/L	97
09/01/93	LCS933905	EMJA61309010000	1.00	0.93	mg/L	93
09/01/93	LCSD933866	EMJA61309010000	1.00	0.93	mg/L	93
09/01/93	LCSD933905	EMJA61309010000	1.00	0.89	mg/L	89
09/07/93	LCS933866	EMJA61309071000	1.00	0.96	mg/L	96
					•	

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Method : SW6010) Nahala						
iked Analyte : Seleni							
pe of Spike : Laborat	tory Control						
09/07/93	LCS933905	EMJA61309071000		1.00	0.94	mg/L	94
09/07/93	LCSD933866	EMJA61309071000		1.00	0.96	mg/L	96
09/07/93	LCSD933905	EMJA61309071000		1.00	0.94	mg/L	94
09/17/93	LCS934378	EMJA61309171000		1.00	1.00	mg/L	100
09/17/93	LCSD934378	EMJA61309171000		1.00	0.99	mg/L	99
09/24/93	LCS934413	EMJA61309240100		1.00	0.90	mg/L	90
09/24/93	LCS934458	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCS934612	EMJA61309240100		1.00	0.93	mg/L	93
09/24/93	LCSD934413	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934458	EMJA61309240100		1.00	0.91	mg/L	91
09/24/93	LCSD934612	EMJA61309240100		1.00 -	0.96	mg/L	96
09/30/93	LCS934612	EMJA61309301400		1.00	0.94	mg/L	94
09/30/93	LCSD934612	EMJA61309301400		1.00	0.95	mg/L	95
10/05/93	LCS934625	EMJA61310051000		1.00	0.99	mg/L	99
10/05/93	LCSD934625	EMJA61310051000		1.00	1.00	mg/L	100
Number of S			Below accepta		0		
Mean % Reco	·		Above accepta		0		
Standard De	eviation : 3	.17	Acceptance Cr	iteria 8	30-120		
ype of Spike : Matrix	Spike						
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.99	mg/L	97
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.93	mg/L	92
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.93	mg/L	91
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.02	1.00	0.91	mg/L	89
07/01/93	05-MW-06-03	EMJA61307012200	0.01	1.00	0.97	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	0.01	1.00		. mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.96	mg/L	95
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.98	mg/L	97
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.97	mg/L	96
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.96	mg/L	95
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.04	1.00	0.89	mg/L	86
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.04	1.00	0.97	mg/L	93
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.01	1.00	0.90	mg/L	89
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.01	1.00	0.89	mg/L	88
09/30/93	05-MW-15-01 MS	EMJA61309301400	- 0.00	1.00	0.97	mg/L	97
09/30/93	05-MW-15-01 MSD	EMJA61309301400	- 0.00	1.00	0.92	mg/L	92
Number of S	amples : 16		Below acceptar	nce :	0		
Moon V Dogg	•				_		

Date Compiled: 30 April 1994

Mean % Recovery

Standard Deviation

ND = Not Detected

: 93.1

: 3.60

NC = Not Calculable

Above acceptance :

Acceptance Criteria 75-125

DATE			ORIG.	AMOUN'	T AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKE	D RECOVERED	UNIT	RECOVER
Method : SW6010							
Spiked Analyte : Silver							
Type of Spike : Labora	itory Control						
06/23/93	LCS93-1202	EMJA61306222200		1.00	0.95	mg/L	95
06/23/93	LCS93-1336	EMJA61306222200		1.00	0.97	mg/L	97
06/23/93	LCSD93-1202	EMJA61306222200		1.00	0.96	mg/L	96
06/23/93	LCSD93-1336	EMJA61306222200		1.00	0.97	mg/L	96
07/01/93	LCS93-1475	EMJA61307012200		1.00	0.96	mg/L	96
07/01/93	LCSD93-1475	EMJA61307012200		1.00	0.98	mg/L	97
08/27/93	LCS933746	EMJA61308271100		1.00	0.95	mg/L	94
08/27/93	LCSD933746	EMJA61308271100		1.00	0.94	mg/L	94
09/01/93	LCS933866	EMJA61309010000		1.00	0.94	mg/L	94
09/01/93	LCS933905	EMJA61309010000		1.00	0.91	mg/L	91
09/01/93	LCSD933866	EMJA61309010000		1.00	0.95	mg/L	95
09/01/93	LCSD933905	EMJA61309010000		1.00	0.92	mg/L	92
09/07/93	LCS933866	EMJA61309071000		1.00	0.93	mg/L	93
09/07/93	LCSD933866	EMJA61309071000		1.00	0.93	mg/L	93
09/17/93	LCS934378	EMJA61309171000		1.00	0.93	mg/L	93
09/17/93	LCSD934378	EMJA61309171000		1.00	0.93	mg/L	93
09/24/93	LCS934413	EMJA61309240100		1.00	0.90		90
09/24/93	LCS934458	EMJA61309240100		1.00	0.94		94
09/24/93	LCS934612	EMJA61309240100		1.00	0.95	_	95
09/24/93	LCSD934413	EMJA61309240100		1.00	0.91		91
09/24/93	LCSD934458	EMJA61309240100		1.00	0.94		94
09/24/93	LCSD934612	EMJA61309240100		1.00	0.96		96
09/30/93	LCS934612	EMJA61309301400		1.00	0.96		96
09/30/93	LCSD934612	EMJA61309301400		1.00	0.96		96
10/05/93	LCS934625	EMJA61310051000		1.00	0.95		95
10/05/93	LCSD934625	EMJA61310051000		1.00	0.95		95
Number of S							
Mean % Reco	=	94.3	Below accept		0		
Standard Dev	=	1.87	Above accept Acceptance C		0 80-120		
			noseptance e	rreeria	00 120		
Type of Spike : Matrix	Spike	·					
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.95	mg/L	95
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.94		94
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.95		95
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	- 0.00	1.00	0.94		95 94
07/01/93	05-MW-06-03	EMJA61307012200	- 0.00	1.00	0.97	_	97
07/01/33	05-MW-06-03	EMJA61307012200	- 0.00	1.00	0.97		98
07/01/93			- 0.00	1.00	0.95		96
07/01/93	07-SW-03-01	EMJA61309010000					J U
07/01/93 09/01/93	07-SW-03-01 07-SW-03-01	EMJA61309010000 EMJA61309010000					
07/01/93 09/01/93 09/01/93	07-SW-03-01	EMJA61309010000	- 0.00	1.00 .	0.95	mg/L	96
07/01/93 09/01/93 09/01/93 09/07/93	07-SW-03-01 07-SW-03-01	EMJA61309010000 EMJA61309071000	- 0.00 0.00	1.00 . 1.00	0.95 0.93	mg/L :	96 93
07/01/93 09/01/93 09/01/93	07-SW-03-01	EMJA61309010000	- 0.00	1.00 .	0.95	mg/L : mg/L : mg/L :	96

Date Compiled: 30 April 1994

ND = Not Detected

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 Spiked Analyte : Silver							
Type of Spike : Matrix	Spike						
09/24/93	06-MW-07-01 MS	EMJA61309240100	- 0.00	1.00	0.93	mg/L	93

mg/L 0.00 95 09/30/93 05-MW-15-01 MS EMJA61309301400 1.00 0.95 09/30/93 05-MW-15-01 MSD EMJA61309301400 0.00 1.00 0.94 mg/L 94 Number of Samples : 16 Below acceptance :

EMJA61309240100

0.00

1.00

0.93

mg/L

93

Number of Samples : 16 Below acceptance : 0 Mean % Recovery : 94.6 Above acceptance : 0 Standard Deviation : 1.50 Acceptance Criteria $^{75-125}$

06-MW-07-01 MSD

Method : SW6010 - Metals

Spiked Analyte : Sodium

09/24/93

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	10.00	9.81	mg/L	98	
06/23/93	LCS93-1336	EMJA61306222200	10.00	9.92	mg/L	99	
06/23/93	LCSD93-1202 :	EMJA61306222200	10.00	10.10	mg/L	101	
06/23/93	LCSD93-1336	EMJA61306222200	10.00	9.90	mg/L	99	
07/01/93	LCS93-1475	EMJA61307012200	10.00	9.98	mg/L	100	
07/01/93	LCSD93-1475	EMJA61307012200	10.00	10.10	mg/L	101	
08/27/93	LCS933746	EMJA61308271100	10.00	9.00	mg/L	90	
08/27/93	LCSD933746	EMJA61308271100	10.00	9.05	mg/L	90	
09/01/93	LCS933866	EMJA61309010000	10.00	9.89	mg/L	99	
09/01/93	LCS933905	EMJA61309010000	50.00	47.70	mg/L	95	
09/01/93	LCSD933866	EMJA61309010000	10.00	9.96	mg/L	100	
09/01/93	LCSD933905	EMJA61309010000	50.00	48.00	mg/L	96	
09/07/93	LCS933866	EMJA61309071000	10.00	9.72	mg/L	97	
09/07/93	LCS933905	EMJA61309071000	50.00	46.90	mg/L	94	
09/07/93	LCSD933866	EMJA61309071000	10.00 -	9.73	mg/L	97	
09/07/93	LCSD933905	EMJA61309071000	50.00	47.10	mg/L	94	
09/17/93	LCS934378	EMJA61309171000	10.00	9.50	mg/L	95	
09/17/93	LCSD934378	EMJA61309171000	10.00	9.48	mg/L	95	
09/24/93	LCS934413	EMJA61309240100	50.00	46.70	mg/L	93	
09/24/93	LCS934458	EMJA61309240100	10.00	9.71	mg/L	97	
09/24/93	LCS934612	EMJA61309240100	10.00	9.65	mg/L	96	
09/24/93	LCSD934413	EMJA61309240100	50.00	47.20	mg/L	94	
09/24/93	LCSD934458	EMJA61309240100	10.00	9.51	mg/L	95	
09/24/93	LCSD934612	EMJA61309240100	10.00	9.74	mg/L	97	
09/30/93	LCS934612	EMJA61309301400	10.00	9.64	mg/L	96	
09/30/93	LCSD934612	EMJA61309301400	10.00	9.70	mg/L	97	
10/05/93	LCS934625	EMJA61310051000	10.00	9.97	mg/L	100	
10/05/93	LCSD934625	EMJA61310051000	10.00	9.97	mg/L	100	
Number of C	. 2	0 0-1		^			

Number of Samples : 28 Below acceptance : 0
Mean % Recovery : 96.6 Above acceptance : 0
Standard Deviation : 2.96 Acceptance Criteria 80-120

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW6010 - Metals Spiked Analyte : Sodium continued

Type of Spike : Laboratory Control

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	60.90	10.00	71.10	mg/L	102
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	60.90	10.00	71.60	mg/L	107
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	4.53	10.00	14.50	mg/L	100
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	4.53	10.00	14.30	mg/L	98
07/01/93	05-MW-06-03	EMJA61307012200	5.33	10.00	15.60	mg/L	102
07/01/93	05-MW-06-03	EMJA61307012200	5.33	10.00	15.30	mg/L	100
09/01/93	07-SW-03-01	EMJA61309010000	222.00	10.00	241.00	mg/L	189
09/01/93	07-SW-03-01	EMJA61309010000	222.00	10.00	239.00	mg/L	173
09/07/93	07-SW-03-01	EMJA61309071000	215.00	10.00	233.00	mg/L	178
09/07/93	07-SW-03-01	EMJA61309071000	215.00	10.00	234.00	mg/L	187
09/24/93	05-MW-15-01 MS	EMJA61309240100	8.40	10.00	17.90	mg/L	95
09/24/93	05-MW-15-01 MSD	EMJA61309240100	8.40	10.00	18.00	mg/L	96
09/24/93	06-MW-07-01 MS	EMJA61309240100	14.00	10.00	23.80	mg/L	98
09/24/93	06-MW-07-01 MSD	EMJA61309240100	14.00	10.00	23.70	mg/L	97
09/30/93	05-MW-15-01 MS	EMJA61309301400	8.40	10.00	18.00	mg/L	96
09/30/93	05-MW-15-01 MSD	EMJA61309301400	8.40	10.00	17.90	mg/L	95

Number of Samples

: 16 : 119.6

Below acceptance : Above acceptance :

0

Mean % Recovery Standard Deviation

: 37.36

Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Thallium

Type of Spike : Laboratory Control

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.98	mg/L	98
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.93	mg/L	93
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.95	mg/L	95
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.94	mg/L	94
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.97	mg/L	97
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.98	mg/L	98
08/27/93	LCS933746	EMJA61308271100	1.00	0.91	mg/L	91
08/27/93	LCSD933746	EMJA61308271100	1.00	0.92	mg/L	92
09/01/93	LCS933866	EMJA61309010000	1.00 .	0.95	mg/L	95
09/01/93	LCS933905	EMJA61309010000	1.00	0.90	mg/L	90
09/01/93	LCSD933866	EMJA61309010000	1.00	0.96	mg/L	96
09/01/93	LCSD933905	EMJA61309010000	1.00	0.90	mg/L	90
09/07/93	LCS933866	EMJA61309071000	1.00	0.98	mg/L	98
09/07/93	LCS933905	EMJA61309071000	1.00	0.91	mg/L	91
09/07/93	LCSD933866	EMJA61309071000	1.00	0.95	mg/L	95
					-	

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE						ORIG.	AMOUNT	AMOUNT	RESULT	
ANALYZ	ED S/	AMPLE ID		BATCH ID		RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Method :	SW6010 - Meta	als								
iked Analyte :										
pe of Spike :	Laboratory Co	ntrol								
09/07/	93 L(CSD933905		EMJA61309071000			1.00	0.89	mg/L	89
09/17/	93 L0	CS934378		EMJA61309171000			1.00	0.95	mg/L	95
09/17/	93 L0	CSD934378		EMJA61309171000			1.00	0.97	mg/L	97
09/24/	93 LO	CS934413		EMJA61309240100			1.00	0.89	mg/L	89
09/24/	93 L0	CS934458		EMJA61309240100			1.00	0.92	mg/L	92
09/24/	93 L(CS934612		EMJA61309240100			1.00	0.93	mg/L	93
09/24/		CSD934413		EMJA61309240100			1.00	0.88	mg/L	88
09/24/		CSD934458		EMJA61309240100			1.00	0.91	mg/L	91
09/24/	93 LO	CSD934612		EMJA61309240100			1.00	0.93	mg/L	93
09/30/		CS934612		EMJA61309301400			1.00	0.94	mg/L	94
09/30/		CSD934612		EMJA61309301400			1.00	0.97	mg/L	97
10/05/		S934625		EMJA61310051000			1.00	0.97	mg/L	96
10/05/		CSD934625		EMJA61310051000			1.00	0.96	mg/L	96
Numb	er of Samples	:	28		Below	accepta	nce :	 0		
Mean	% Recovery	:	93.7		Above	accepta	nce :	0		
Stan	dard Deviation	:	3.01		Accep	tance Cr	iteria 8	0-120		
Type of Spike :	Matrix Spike									
06/23/	93 07	'-MW-02-DS-03	M	EMJA61306222200		0.02	1.00	0.99	mg/L	97
06/23/	93 07	'-MW-02-DS-03	M	EMJA61306222200		0.02	1.00	0.95	mg/L	92
06/23/	93 12	2-MW-02-DS-03	M	EMJA61306222200	-	0.01	1.00	0.90	mg/L	92
06/23/	93 12	2-MW-02-DS-03	M	EMJA61306222200	-	0.01	1.00	0.89	mg/L	91
07/01/	93 05	5-MW-06-03		EMJA61307012200		0.02	1.00	0.99	mg/L	97
07/01/	93 05	5-MW-06-03		EMJA61307012200		0.02	1.00	0.96	mg/L	94
09/01/	93 07	-SW-03-01		EMJA61309010000		0.00	1.00	0.97	mg/L	96
09/01/	93 07	-SW-03-01		EMJA61309010000		0.00	1.00	0.91	mg/L	91
09/07/		'-SW-03-01		EMJA61309071000	-	0.01	1.00	0.97	mg/L	97
09/07/		'-SW-03-01		EMJA61309071000	-	0.01	1.00	0.97	mg/L	98
09/24/		5-MW-15-01 MS		EMJA61309240100		0.02	1.00	0.92		.90
09/24/		5-MW-15-01 MSD		EMJA61309240100		0.02	1.00	0.89	mg/L	87
09/24/		5-MW-07-01 MS		EMJA61309240100	-	0.01	1.00	0.85	mg/L	87
09/24/		-MW-07-01 MSD		EMJA61309240100	-	0.01	1.00	0.87	mg/L	88
09/30/		5-MW-15-01 MS		EMJA61309301400	-	0.01	1.00	0.92	mg/L	93
09/30/		5-MW-15-01 MSD		EMJA61309301400	-	0.01	1.00	0.93	mg/L	93
Numb	er of Samples	:	 16		Below	accepta	nce :	 0		
	% Recovery	:				accepta		0		

Mean % Recovery Standard Deviation : 3.63

Acceptance Criteria 75-125

ı	DATE ANALYZED	SAMPLE ID		BATCH ID		ORIG. RESULT	AMOUNT SPIKE		RESULT UNIT	% RECOVERY
	thod : SW6010									
Sp1кес Апа	lyte : Vanadi	um								
Type of S _l	pike : Labora	tory Control								
	06/23/93	LCS93-1202		EMJA61306222200			1.00	0.96	mg/L	96
(06/23/93	LCS93-1336		EMJA61306222200			1.00	0.96	mg/L	96
(06/23/93	LCSD93-1202		EMJA61306222200			1.00	0.97	mg/L	97
(06/23/93	LCSD93-1336		EMJA61306222200			1.00	0.96	mg/L	96
(07/01/93	LCS93-1475		EMJA61307012200			1.00	0.98	mg/L	98
(07/01/93	LCSD93-1475		EMJA61307012200			1.00	0.99	mg/L	99
(08/27/93	LCS933746		EMJA61308271100			1.00	0.97	mg/L	97
(08/27/93	LCSD933746		EMJA61308271100			1.00	0.97	mg/L	96
(09/01/93	LCS933866		EMJA61309010000			1.00	0.97	mg/L	97
(09/01/93	LCS933905		EMJA61309010000			1.00	0.94	mg/L	94
. (09/01/93	LCSD933866		EMJA61309010000			1.00	0.98	mg/L	98
(09/01/93	LCSD933905		EMJA61309010000			1.00	0.95	mg/L	95
(09/07/93	LCS933866		EMJA61309071000			1.00	0.96	mg/L	96
(09/07/93	LCS933905		EMJA61309071000			1.00	0.92	mg/L	92
(09/07/93	LCSD933866		EMJA61309071000			1.00	0.96	mg/L	96
(09/07/93	LCSD933905		EMJA61309071000			1.00	0.93	mg/L	93
(09/17/93	LCS934378		EMJA61309171000			1.00	0.97	mg/L	96
(09/17/93	LCSD934378		EMJA61309171000			1.00	0.96	mg/L	96
(09/24/93	LCS934413		EMJA61309240100			1.00	0.91	mg/L	91
(09/24/93	LCS934458		EMJA61309240100			1.00	0.94	mg/L	94
(09/24/93	LCS934612		EMJA61309240100			1.00	0.96	mg/L	96
(09/24/93	LCSD934413		EMJA61309240100			1.00	0.92	mg/L	92
(09/24/93	LCSD934458		EMJA61309240100			1.00	0.93	mg/L	93
(09/24/93	LCSD934612		EMJA61309240100			1.00	0.96	mg/L	96
(09/30/93	LCS934612		EMJA61309301400			1.00	0.99	mg/L	99
(09/30/93	LCSD934612		EMJA61309301400			1.00	0.99	mg/L	99
	10/05/93	LCS934625		EMJA61310051000			1.00	0.97	mg/L	97
1	10/05/93	LCSD934625		EMJA61310051000			1.00	0.99	mg/L	99
	Number of S	amples :	28		Belo	ow accepta	 nce :	0		
	Mean % Reco		95.9			re accepta		0		
	Standard De	viation :	2.2	1	Acce	eptance Cr	iteria	80-120		
Type of Sa	sika . N atmiy	Carileo								
ishe oi st	oike : Matrix	2h1ve								
(06/23/93	07-MW-02-DS-03	M	EMJA61306222200		0.00	1.00 .	0.95	mg/L	95
C	06/23/93	07-MW-02-DS-03	M	EMJA61306222200		0.00	1.00	0.96	mg/L	96
C	06/23/93	12-MW-02-DS-03	М	EMJA61306222200	-	0.00	1.00	0.94	mg/L	94
C	06/23/93	12-MW-02-DS-03	М	EMJA61306222200	-	0.00	1.00	0.93	mg/L	93
C	7/01/93	05-MW-06-03		EMJA61307012200	-	0.00	1.00	0.98	mg/L	98
C	7/01/93	05-MW-06-03	*	EMJA61307012200	-	0.00	1.00	0.99	mg/L	99
C	9/01/93	07-SW-03-01		EMJA61309010000	-	0.00	1.00	0.99	mg/L	99
C	9/01/93	07-SW-03-01		EMJA61309010000	~	0.00	1.00	0.99	mg/L	99
C	9/07/93	07-SW-03-01		EMJA61309071000		0.01	1.00	0.97	mg/L	97

Date Compiled: 30 April 1994 ND = Not Detected

NR = Not Reported * = Value considered suspect, refer to QC report

NC = Not Calculable NS = Not Specified

						•	
	EMJA61309240100	•	0.00	1.00	0.94	mg/L	93
	EMJA61309240100		0.00	1.00	0.94	mg/L	94
	EMJA61309240100		0.00	1.00	0.91	mg/L	91
	EMJA61309240100		0.00	1.00	0.92	mg/L	92
	EMJA61309301400	-	0.00	1.00	0.97	mg/L	97
	EMJA61309301400	-	0.00	1.00	0.97	mg/L	97
16		Below	acceptar	ice :	0		
95.6		Above	acceptar	ice :	0		
2.58		Accep	tance Cri	teria 7	5-125		
)	16 95.6 2.58	EMJA61309240100 EMJA61309240100 EMJA61309301400 EMJA61309301400 EMJA61309301400	EMJA61309240100 EMJA61309240100 EMJA61309240100 EMJA61309301400 - EMJA61309301400 - 16 Below 95.6 Above	EMJA61309240100 0.00 EMJA61309240100 0.00 EMJA61309240100 0.00 EMJA61309301400 - 0.00 EMJA61309301400 - 0.00 EMJA61309301400 - 0.00 Below acceptan Above acceptan	EMJA61309240100 0.00 1.00 EMJA61309240100 0.00 1.00 EMJA61309240100 0.00 1.00 EMJA61309301400 - 0.00 1.00 EMJA61309301400 - 0.00 1.00 EMJA61309301400 - 0.00 1.00 Below acceptance : Above acceptance :	EMJA61309240100 0.00 1.00 0.94 EMJA61309240100 0.00 1.00 0.91 EMJA61309240100 0.00 1.00 0.92 EMJA61309301400 - 0.00 1.00 0.97 EMJA61309301400 - 0.00 1.00 0.97 Below acceptance : 0 Above acceptance : 0	EMJA61309240100 0.00 1.00 0.94 mg/L EMJA61309240100 0.00 1.00 0.91 mg/L EMJA61309240100 0.00 1.00 0.92 mg/L EMJA61309301400 - 0.00 1.00 0.97 mg/L EMJA61309301400 - 0.00 1.00 0.97 mg/L Below acceptance : 0 95.6 Below acceptance : 0

06/23/93	LCS93-1202	EMJA61306222200	1.00	0.95	mg/L	95	
06/23/93	LCS93-1336	EMJA61306222200	1.00	0.96	mg/L	96	
06/23/93	LCSD93-1202	EMJA61306222200	1.00	0.96	mg/L	96	
06/23/93	LCSD93-1336	EMJA61306222200	1.00	0.96	mg/L	96	
07/01/93	LCS93-1475	EMJA61307012200	1.00	0.97	mg/L	97	
07/01/93	LCSD93-1475	EMJA61307012200	1.00	0.98	mg/L	98	
08/27/93	LCS933746	EMJA61308271100	1.00	0.95	mg/L	95	
08/27/93	LCSD933746	EMJA61308271100	1.00	0.95	mg/L	95	
09/01/93	LCS933866	EMJA61309010000	1.00	0.95	mg/L	95	
09/01/93	LCS933905	EMJA61309010000	1.00 .	0.89	mg/L	89	
09/01/93	LCSD933866	EMJA61309010000	1.00	0.96	mg/L	96	
09/01/93	LCSD933905	EMJA61309010000	1.00	0.90	mg/L	90	
09/07/93	LCS933866	EMJA61309071000	1.00	0.96	mg/L	96	
09/07/93	LCS933905	EMJA61309071000	1.00	0.90	mg/L	90	
09/07/93	LCSD933866	EMJA61309071000	1.00	0.96	mg/L	96	
09/07/93	LCSD933905	EMJA61309071000	1.00	0.91	mg/L	91	
09/17/93	LCS934378	EMJA61309171000	1.00	0.95	mg/L	95	
09/17/93	LCSD934378	EMJA61309171000	1.00	0.94	mg/L	94	
09/24/93	LCS934413	EMJA61309240100	1.00	0.86	mg/L	86	
09/24/93	LCS934458	EMJA61309240100	1.00	0.92	mg/L	92	
09/24/93	LCS934612	EMJA61309240100	1.00	0.93	mg/L	93	
09/24/93	LCSD934413	EMJA61309240100	1.00	0.87	mg/L	87	
09/24/93	LCSD934458	EMJA61309240100	1.00	0.91	mg/L	91	
09/24/93	LCSD934612	EMJA61309240100	1.00	0.96	mg/L	96	
09/30/93	LCS934612	EMJA61309301400	1.00	0.97	mg/L	97	
09/30/93	LCSD934612	EMJA61309301400	1.00	0.98	mg/L	98	
10/05/93	LCS934625	EMJA61310051000	1.00	0.97	mg/L	97	
10/05/93	LCSD934625	EMJA61310051000	1.00	0.97	mg/L	97	
Number of Sa	amples : 2	8 Below a	acceptance : (1			

							-
ANALYZED S	SAMPLE ID	BATCH ID	RESULT	SPIKEĎ	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW6010 - Metals Spiked Analyte : Zinc continued

Type of Spike : Laboratory Control

Mean % Recovery : 94.1 Above acceptance : 0
Standard Deviation : 3.30 Acceptance Criteria 80-120

Type of Spike : Matrix Spike

06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.94	mg/L	93
06/23/93	07-MW-02-DS-03 M	EMJA61306222200	0.01	1.00	0.94	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.93	mg/L	93
06/23/93	12-MW-02-DS-03 M	EMJA61306222200	0.00	1.00	0.93	mg/L	92
07/01/93	05-MW-06-03	EMJA61307012200	0.02	1.00	0.98	mg/L	96
07/01/93	05-MW-06-03	EMJA61307012200	0.02	1.00	0.98	mg/L	96
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.96	mg/L	95
09/01/93	07-SW-03-01	EMJA61309010000	0.01	1.00	0.96	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00 -	0.97	mg/L	95
09/07/93	07-SW-03-01	EMJA61309071000	0.01	1.00	0.97	mg/L	96
09/24/93	05-MW-15-01 MS	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	05-MW-15-01 MSD	EMJA61309240100	0.01	1.00	0.91	mg/L	91
09/24/93	06-MW-07-01 MS	EMJA61309240100	0.01	1.00	0.89	mg/L	88
09/24/93	06-MW-07-01 MSD	EMJA61309240100	0.01	1.00	0.89	mg/L	89
09/30/93	05-MW-15-01 MS	EMJA61309301400	0.01	1.00	0.94	mg/L	94
09/30/93	05-MW-15-01 MSD	EMJA61309301400	0.01	1.00	0.94	mg/L	93

Number of Samples : 16 Mean % Recovery : 93.1 Standard Deviation : 2.45

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 75-125

Method : SW7060 - Arsenic

Spiked Analyte : Arsenic

Type of Spike : Laboratory Control

06/30/93	LCS931407	AAZ3306300800	0.1000	0.0488	mg/L	98
06/30/93	LCS931407	AAZ3306300800	0.1000	0.0491	mg/L	98
07/02/93	LCS931476	AAZ3307020800	0.1000	0.0475	mg/L	95
07/02/93	LCS931513	AAZ3307020800	0.1000	0.0483	mg/L	97
07/02/93	LCSD91476	AAZ3307020800	0.1000	0.0475	mg/L	95
07/02/93	LCSD931513	AAZ3307020800	0.1000	0.0472	mg/L	94
08/16/93	LCS933453	AAZ3308161900	0.1000	0.0530	mg/L	106
08/16/93	LCS933453	AAZ3308161900	0.1000	0.0531	mg/L	106
08/30/93	LCS933865	AAZ3308301727	0.0500	0.0518	mg/L	104
08/30/93	LCSD933865	AAZ3308301727	0.0500	0.0499	mg/L	100
09/17/93	LCS934377	AAZ3309171648	0.0500	0.0512	mg/L	102
09/17/93	LCSD934377	AAZ3309171648	0.0500	0.0507	mg/L	101
09/21/93	LCS934459	AAZ3309210922	0.0500	0.0495	mg/L	99

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

	ATE	A		0.170*** 7.5		ORIG.	AMOUNT	AMOUNT	RESULT	
ANA	LYZED	SAMPLE ID		BATCH ID		RESULT	SPIKED	RECOVERED	UNIT 	RECOVE
Metho iked Analyt	d : SW7060 e : Arsenio									
ype of Spike	: Laborato	ory Control								
no /	21/93	LCSD93265	2	AAZ3309210922			0.0500	0.0494	mg/L	99
	29/93	LCS033263	7	AAZ3309210922 AAZ3309290855			0.0500	0.0525	mg/L	105
	29/93 29/93	LCSD93461	ì				0.0500	0.0525	mg/L	101
•	29/93 04/93	LCS033461 LCS934624	L	AAZ3309290855 AAZ4310041600			0.0500	0.0300	mg/L	89
-	04/93	LCS934625		AAZ4310041600			0.0500	0.0435	mg/L	87
 N	umber of Sa	mnles	: 18		 Relo	 w acceptan		0		
	ean % Recov	•	: 98.	7		w acceptan e acceptan		0 ·		
	tandard Dev	-		32		e acceptan ptance Cri		5-125		
3	tanuaru bev	riation	. 5.	J2	ACCE	ptance cri	teria /	3-123		
Type of Spik	e : Matrix	Spike								
06/	30/93	07-MW-02-	OS-03 M	AAZ3306300800		0.0084	0.1000	0.0601	mg/L	103
	30/93	07-MW-02-		AAZ3306300800		0.0084	0.1000	0.0610	mg/L	105
	30/93	12-MW-02-		AAZ3306300800	_	0.0011	0.1000	0.0526	mg/L	110
	30/93	12-MW-02-		AAZ3306300800	_	0.0011	0.1000	0.0535	mg/L	111
	02/93	05-MW-05-		AAZ3307020800		0.0335	0.1000	0.0912	mg/L	115
	02/93	05-MW-05-		AAZ3307020800		0.0335	0.1000	0.0900	mg/L	113
	02/93	09-MW-06-		AAZ3307020800	_	0.0018	0.1000	0.0523	mg/L	108
	02/93	09-MW-06-		AAZ3307020800	_	0.0018	0.1000	0.0514	mg/L	106
	30/93	07-SW-03-		AAZ3308301727		0.0024	0.0500	0.0630	mg/L	121
	30/93	07-SW-03-		AAZ3308301727		0.0024	0.0500	0.0636	mg/L	122
	22/93	06-MW-07-)1 MS	AAZ3309210922		0.0132	0.0500	0.0523	mg/L	78
09/	22/93	06-MW-07-	1 MSD	AAZ3309210922		0.0132	0.0500	0.0525	mg/L	79
09/	29/93	05-MW-15-	1 MS	AAZ3309290855	_	0.0029	0.0500	0.0541	mg/L	114
	29/93	05-MW-15-0	1 MSD	AAZ3309290855	-	0.0029	0.0500	0.0542	mg/L	114
	umber of Sa	•	: 14	<u></u>	Belo	w acceptan	 ce :	0		
	ean % Recov	-	: 107.			e acceptan		0		
Ş.	tandard Dev	iation	: 13.	27	Acce	ptance Cri	teria 7	5-125		
Matho	d : SW7421	_ ! pad								
nethol piked Analyte		Loud								
ype of Spike	e : Laborat	ory Control								
08/:	16/93	LCS933453		AAZ1308161600			0.1000	0.0516	mg/L	103
	16/93	LCS933453		AAZ1_308161600			0.1000	0.0519	mg/L	104
	16/93	LCS934377		AAZ1309161600			0.0500	0.0500	mg/L	100
	16/93	LCS934377		AAZ1309161600			0.0500	0.0490	mg/L	98
	21/93	LCS934459		AAZ1309211500			0.0500	0.0490	mg/L	98
	21/93	LCSD934459)	AAZ1309211500			0.0500	0.0500	mg/L	100
	28/93	LCS934611		AAZ1309281100			0.0500	0.0490	mg/L	98
									····	

			ORIG.	AMOUNT	AMOUNT	RESULT	Г %
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
W. E. J. 017404							
Method : SW7421 iked Analyte : Lead c							
pe of Spike : Laborat	ory Control						
10/04/93	LCS934919	AAZ1310040900		0.0500	0.0488	mg/L	98
10/04/93	LCSD934919	AAZ1310040900		0.0500	0.0490	mg/L	98
06/25/93	LCS931407	AAZ2306251600		0.1000	0.0520	mg/L	104
06/25/93	LCSD91407	AAZ2306251600		0.1000	0.0320	mg/L	96
07/06/93	LCS931513	AAZ2307060800		0.1000	0.0519	mg/L	
07/06/93	LCSD931513	AAZ2307060800		0.1000	0.0519	mg/L	101
07/19/93	LCS932272	AAZ2_307191600		0.1000	0.0503	mg/L	101
07/19/93	LCS932272	AAZ2307191600		0.1000	0.0517	mg/L	103
09/20/93	LCS934377	AAZ2_309201600		0.0500	0.0512		
09/20/93	LCS934377	AAZ2309201600		0.0500	0.0500	mg/L mg/L	100 102
08/30/93	LCS933865	AAZ3_308301408		0.0500	0.0310	mg/L	96
08/30/93	LCSD933865	AAZ3308301408		0.0500	0.0482	mg/L	96
Number of S	amples : 20		Below acceptance		 0		***
Mean % Reco	·	9.8	Above acceptant		0		
Standard De	=	3.06	Acceptance Crit		5-125		
			·				
ma af Cuille H i i	Spike						(
pe of spike : Matrix							
o9/21/93	06-MW-07-01 MS	AAZ1 309211500	0.0030	0.0500	0.0470	ma/i	RΩ
	06-MW-07-01 MS 06-MW-07-01 MSD	AAZ1309211500 AAZ1 309211500	0.0030 0.0030	0.0500 0.0500	0.0470	mg/L	88 90
09/21/93		AAZ1309211500	0.0030	0.0500	0.0480	mg/L	90
09/21/93 09/21/93	06-MW-07-01 MSD	AAZ1309211500 AAZ1309281100	0.0030 0.0070	0.0500 0.0500	0.0480 0.0450	mg/L mg/L	90 76
09/21/93 09/21/93 09/28/93	06-MW-07-01 MSD 05-MW-15-01 MS	AAZ1309211500 AAZ1309281100 AAZ1309281100	0.0030 0.0070 0.0070	0.0500 0.0500 0.0500	0.0480 0.0450 0.0760	mg/L mg/L mg/L	90 76 138
09/21/93 09/21/93 09/28/93 09/28/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600	0.0030 0.0070 0.0070 0.0107	0.0500 0.0500 0.0500 0.1000	0.0480 0.0450 0.0760 0.0519	mg/L mg/L mg/L mg/L	90 76 138 82
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M	AAZ1309211500 AAZ1309281100 AAZ1309281100	0.0030 0.0070 0.0070	0.0500 0.0500 0.0500 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523	mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538	mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93 06/25/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627	mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93 06/25/93 06/25/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2306251600	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627 0.0514	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108 96
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93 06/25/93 06/25/93 06/25/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 09-MW-06-03 MS	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2307060800	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085 0.0033	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627 0.0514 0.0559	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108 96
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93 06/25/93 06/25/93 07/06/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 09-MW-06-03 MS 09-MW-06-03 MSD	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2307060800 AAZ2307060800	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627 0.0514 0.0559 0.0564	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108 96 105 86
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93 06/25/93 06/25/93 06/25/93 07/06/93 07/06/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 09-MW-06-03 MS 09-MW-06-03 MSD 05-MW-05-03 MS	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2307060800 AAZ2307060800 AAZ2307191600	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085 0.0033 0.0033	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627 0.0514 0.0559	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108 96 105 86
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93 06/25/93 06/25/93 06/25/93 07/06/93 07/06/93 07/19/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 09-MW-06-03 MS 09-MW-06-03 MSD 05-MW-05-03 MSD	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2307060800 AAZ2307060800 AAZ2307191600 AAZ2307191600	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085 0.0033 0.0033	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627 0.0514 0.0559 0.0564	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108 96 105 86
09/21/93 09/21/93 09/28/93 09/28/93 06/25/93 06/25/93 06/25/93 07/06/93 07/06/93 07/19/93 07/19/93 08/30/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 09-MW-06-03 MS 09-MW-06-03 MSD 05-MW-05-03 MSD 07-SW-03-01 MSD	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2307060800 AAZ2307060800 AAZ2307191600 AAZ2307191600 AAZ3308301408	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085 0.0033 0.0033 0.0135 0.0135 0.0016	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.0500 0.0500	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627 0.0514 0.0559 0.0564 0.0466	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108 96 105 86 86
09/21/93 09/28/93 09/28/93 06/25/93 06/25/93 06/25/93 07/06/93 07/19/93 08/30/93	06-MW-07-01 MSD 05-MW-15-01 MS 05-MW-15-01 MSD 07-MW-02-DS-03 M 07-MW-02-DS-03 M 12-MW-02-DS-03 M 12-MW-02-DS-03 M 09-MW-06-03 MS 09-MW-06-03 MSD 05-MW-05-03 MSD 07-SW-03-01 MSD 07-SW-03-01 MSD	AAZ1309211500 AAZ1309281100 AAZ1309281100 AAZ2306251600 AAZ2306251600 AAZ2306251600 AAZ2307060800 AAZ2307060800 AAZ2307191600 AAZ2307191600 AAZ3308301408 AAZ3308301408	0.0030 0.0070 0.0070 0.0107 0.0107 0.0085 0.0085 0.0033 0.0033 0.0135 0.0135	0.0500 0.0500 0.0500 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.1000 0.0500 0.0500	0.0480 0.0450 0.0760 0.0519 0.0523 0.0538 0.0627 0.0514 0.0559 0.0564 0.0466	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	90 76 138 82 83 91 108 96 105 86 86

<i>!</i>	DATE ANALYZED 	SAMPLE ID		BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVEI
	thod : SW7470 - lyte : Mercury	Mercury						•		
Type of Sp	pike : Laborato	ry Control					•			
(06/24/93	LCS931488		AAZ3306242300			0.0000	0.0105	mg/L	105
	06/24/93	LCS931488		AAZ3306242300			0.0000	0.0103	mg/L	111
	06/17/93	LCS931248		AAZ4306172100			0.0000	0.0104	mg/L	104
	06/17/93	LCS931248		AAZ4306172100			0.0000	0.0104	mg/L	106
		LCS931248 LCS931342		AAZ4306220000			0.0000	0.0103	_	103
	06/22/93								mg/L	
	06/22/93	LCS931342		AAZ4306220000			0.0000	0.0105	mg/L	105
	06/24/93	LCS931488		AAZ4306242300			0.0000	0.0105	mg/L	105
	06/24/93	LCS931488		AAZ4306242300			0.0000	0.0111	mg/L	111
	06/30/93	LCS931658		AAZ4306302300			0.0000	0.0105	mg/L	105
	06/30/93	LCS931658		AAZ4306302300			0.0000	0.0109	mg/L	109
	08/17/93	LCS933547		AAZ4308162200			0.0000	0.0109	mg/L	109
C	08/17/93	LCS933547		AAZ4308162200			0.0000	0.0109	mg/L	109
C	08/24/93	LCS933808		AAZ4308242100			0.0000	0.0103	mg/L	103
C	08/24/93	LCS933808		AAZ4308242100			0.0000	0.0102	mg/L	102
0	09/01/93	LCS934030		AAZ4309012045			0.0100	0.0103	mg/L	103
C	09/01/93	LCS934030.		AAZ4309012045			0.0100	0.0102	mg/L	102
C	09/14/93	LCS934373		AAZ4309142145			0.0100	0.0102	mg/L	102
C	09/14/93	LCS934373		AAZ4309142145			0.0100	0.0104	mg/L	104
C	09/23/93	LCS934735		AAZ4309232100			0.0100	0.0105	mg/L	105
0	09/23/93	LCS934735		AAZ4309232100			0.0100	0.0102	mg/L	102
	Number of Sam	oles	: 20		Belo	w acceptan	ce :	0		,
	Mean % Recover	ry	: 105.3		Abov	e acceptan	ce :	0		
	Standard Devia	ation	: 2.99	9	Acce	ptance Cri	teria 8	0-120		
Type of Sp	oike : Matrix Sp	oike								
0	06/24/93	09-MW-01-03	MS	AAZ3306242300		0.0002	0.0000	0.0021	mg/L	93
0	06/24/93	09-MW-01-03	MSD	AAZ3306242300		0.0002	0.0000	0.0021	mg/L	96
0	06/18/93	12-MW-02-DS	-03 M	AAZ4306172100		0.0000	0.0000	0.0020	mg/L	96
	06/18/93	12-MW-02-DS	-03 M	AAZ4306172100		0.0000	0.0000	0.0020	mg/L	96
O								0.0010	mg/L	92
	06/22/93	07-MW-02-DS	-03 M	AAZ4306220000	-	0.0001	0.0000	0.0018	g, L	
0	06/22/93 06/22/93	07-MW-02-DS- 07-MW-02-DS-		AAZ4306220000 AAZ4306220000	-	0.0001	0.0000	0.0018	_	93
0			-03 M		-			0.0018	_	93
0 0 0	06/22/93	07-MW-02-DS	-03 M MS	AAZ4_306220000	-	0.0001	0.0000		mg/L mg/L	93 93
0 0 0	06/22/93 06/24/93 06/24/93	07-MW-02-DS 09-MW-01-03 09-MW-01-03	-03 M MS MSD	AAZ4_306220000 AAZ4_306242300 AAZ4_306242300	-	0.0001 0.0002 0.0002	0.0000 0.0000 0.0000	0.0018 0.0021 0.0021	mg/L mg/L mg/L	93 93 96
0 0 0 0	06/22/93 06/24/93 06/24/93 09/01/93	07-MW-02-DS- 09-MW-01-03 09-MW-01-03 07-SW-03-01	-03 M MS MSD MS	AAZ4_306220000 AAZ4_306242300 AAZ4_306242300 AAZ4_309012045	-	0.0001 0.0002 0.0002 0.0001	0.0000 0.0000 0.0000 0.0020	0.0018 0.0021 0.0021 0.0018	mg/L mg/L mg/L mg/L	93 93 96 94
0 0 0 0	06/22/93 06/24/93 06/24/93 09/01/93	07-MW-02-DS- 09-MW-01-03 09-MW-01-03 07-SW-03-01 07-SW-03-01	-03 M MS MSD MS MSD	AAZ4_306220000 AAZ4_306242300 AAZ4_306242300 AAZ4_309012045 AAZ4_309012045	- - -	0.0001 0.0002 0.0002 0.0001 0.0001	0.0000 0.0000 0.0000 0.0020 0.0020	0.0018 0.0021 0.0021 0.0018 0.0019	mg/L mg/L mg/L mg/L mg/L	93 93 96 94 100
0 0 0 0 0	06/22/93 06/24/93 06/24/93 09/01/93	07-MW-02-DS- 09-MW-01-03 09-MW-01-03 07-SW-03-01	-03 M MS MSD MS MSD MSD	AAZ4_306220000 AAZ4_306242300 AAZ4_306242300 AAZ4_309012045	-	0.0001 0.0002 0.0002 0.0001	0.0000 0.0000 0.0000 0.0020	0.0018 0.0021 0.0021 0.0018	mg/L mg/L mg/L mg/L	93 93 96 94
0 0 0 0 0	06/22/93 06/24/93 06/24/93 09/01/93 09/01/93 09/23/93	07-MW-02-DS- 09-MW-01-03 09-MW-01-03 07-SW-03-01 07-SW-03-01 06-MW-07-01	-03 M MS MSD MS MSD MSD MSD	AAZ4_306220000 AAZ4_306242300 AAZ4_306242300 AAZ4_309012045 AAZ4_309012045 AAZ4_309232100	- - -	0.0001 0.0002 0.0002 0.0001 0.0001 0.0001	0.0000 0.0000 0.0000 0.0020 0.0020 0.0020	0.0018 0.0021 0.0021 0.0018 0.0019 0.0019 0.0020	mg/L mg/L mg/L mg/L mg/L	93 93 96 94 100 92
0 0 0 0 0	06/22/93 06/24/93 06/24/93 09/01/93 09/01/93	07-MW-02-DS- 09-MW-01-03 09-MW-01-03 07-SW-03-01 07-SW-03-01 06-MW-07-01	-03 M MS MSD MS MSD MSD	AAZ4_306220000 AAZ4_306242300 AAZ4_306242300 AAZ4_309012045 AAZ4_309012045 AAZ4_309232100	- - - Belo	0.0001 0.0002 0.0002 0.0001 0.0001	0.0000 0.0000 0.0000 0.0020 0.0020 0.0020 0.0020	0.0018 0.0021 0.0021 0.0018 0.0019 0.0019 0.0020	mg/L mg/L mg/L mg/L mg/L	93 93 96 94 100 92

ı	DATE ANALYZED	SAMPLE ID		BATCH ID		ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	thod : SW7740 lyte : Seleni									
Type of Sp	pike : Labora	tory Control								
(08/30/93	LCS933865		AAZ3308302042			0.0500	0.0487	mg/L	97
(08/30/93	LCSD933865		AAZ3308302042			0.0500	0.0484	mg/L	97
(09/17/93	LCS934377		AAZ3309172036			0.0500	0.0485	mg/L	97
(09/17/93	LCSD934377		AAZ3309172036			0.0500	0.0489	mg/L	98
1	10/07/93	LCS934459		AAZ3310071045			0.0500	0.0504	mg/L	101
1	10/07/93	LCS934611		AAZ3310071045			0.0500	0.0500	mg/L	100
1	10/07/93	LCSD934459		AAZ3310071045			0.0500	0.0493	mg/L	99
1	10/07/93	LCSD934611		AAZ3310071045			0.0500	0.0510	mg/L	102
1	10/07/93	LCS934624		AAZ3310071600			0.0500	0.0464	mg/L	93
1	10/07/93	LCS934624		AAZ3310071600			0.0500	0.0468	mg/L	94
	07/08/93	LCS931407		AAZ4307080820			0.1000	0.0479	mg/L	96
	07/08/93	LCSD931407		AAZ4_307080820			0.1000	0.0485	mg/L	97
	07/08/93	LCS931407		AAZ4307081152			0.1000	0.0476	mg/L	95
	07/08/93	LCSD931407		AAZ4_307081152			0.1000	0.0489	mg/L	98
	07/09/93	LCS931407		AAZ4307090859			0.1000	0.0478	mg/L	96
	07/09/93	LCSD931407		AAZ4307090859			0.1000	0.0496	mg/L	99
	7/13/93	LCS9314376		AAZ4307130852			0.1000	0.0411	mg/L	82
	7/13/93	LCS931476		AAZ4307130852			0.1000	0.0389	mg/L	78
	7/13/93	LCSD931476		AAZ4307130852			0.1000	0.0408	mg/L	82
	7/13/93	LCSD931476		AAZ4307130852			0.1000	0.0424	mg/L	85
C	07/14/93	LCS931513		AAZ4307141031			0.1000	0.0456	mg/L	91
	07/14/93	LCSD931513		AAZ4307141031			0.1000	0.0431	mg/L	86
. 0	08/23/93	LCS933453		AAZ4308231116			0.1000	0.0453	mg/L	91
	08/23/93	LCSD933453		AAZ4308231116			0.1000	0.0466	mg/L	93
	Number of Sa	amples	: 24		Below	acceptar	ice :			
	Mean % Reco	very	: 93.6	i	Above	acceptar	ice :	0		
	Standard Dev	viation	: 6.5	i3	Accep	tance Cri	teria 7	5-125		
·										
Type of Sp	oike : Matrix	Spike								
0	8/30/93	07-SW-03-01	MS	AAZ3308302042	-	0.0030	0.0500	0.0464	mg/L	99
	8/30/93	07-SW-03-01		AAZ3308302042	_	0.0030	0.0500	0.0472	mg/L	100
	0/07/93	05-MW-15-01		AAZ3_310071045	-	0.0046	0.0500	0.0388	mg/L	87
1	0/07/93	05-MW-15-01	MSD	AAZ3310071045	_	0.0046	0.0500	0.0386	mg/L	86
	0/07/93	06-MW-07-01		AAZ3310071045	_	0.0048	0.0500	0.0415	mg/L	93
1	0/07/93	06-MW-07-01		AAZ3310071045	~	0.0048	0.0500	0.0402	mg/L	90
0	7/13/93	05-MW-05-03		AAZ4307130852	_	0.0027	0.1000	0.0370	mg/L	79
	7/13/93	05-MW-05-03		AAZ4307130852	_	0.0027	0.1000	0.0352	mg/L	76
	7/14/93	09-MW-06-03		AAZ4307141031	_	0.0046	0.1000	0.0332	mg/L	98
	7/14/93	09-MW-06-03		AAZ4307141031	_	0.0025	0.1000	0.0416	mg/L	88
	7/14/93	09-MW-06-03		AAZ4307141031	_	0.0025	0.1000	0.0410	mg/L	87
	7/14/93	09-MW-06-03		AAZ4307141031	_	0.0046	0.1000	0.0426	mg/L	94
	Number of Sa	unpres	: 12		Below	acceptan	ce : (}		4

Date Compiled: 30 April 1994

ND = Not Detected

DATE ORIG. AMOUNT AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW7740 - Selenium Spiked Analyte : Selenium continued

Type of Spike : Matrix Spike

Standard Deviation

7.53

Acceptance Criteria 75-125

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,1,1,2-Tetrachloroethane

09/15/93	LCS934245	GCJAY1309150130	:	10.00	9.12	ug/L	91
09/16/93	LCS934251	GCJAY1309150130	:	10.00	8.63	ug/L	86
09/20/93	LCS934496	GCJAY1309201444		10.00	9.07	ug/L	91
09/21/93	LCS934507	GCJAY1309201444	:	10.00	9.38	ug/L	94
06/20/93	LCSEXT931297	GCPEA1306201359	:	10.00	9.13	ug/L	91
06/21/93	LCSEXT931310	GCPEA1306201359	:	10.00	9.21	ug/L	92
08/10/93	LCS933130	GCPEA1308101540	:	10.00	9.39	ug/L	94
08/11/93	LCS933142	GCPEA1308101540		10.00	9.81	ug/L	98
08/11/93	LCS933147	GCPEA1308101540	:	10.00	10.50	ug/L	105
08/16/93	LCS933415	GCPEA1308161047	:	10.00	9.59	ug/L	96
08/17/93	LCS933421	GCPEA1308161047	;	10.00	8.73	ug/L	87
10/04/93	LCS934883	GCPEA1310041056	;	10.00	8.86	ug/L	89
10/05/93	LCS934890	GCPEA1310041056	;	10.00	9.87	ug/L	99
06/09/93	LCSEXT93923	GCQUE1306091614		10.00	8.96	ug/L	90
06/10/93	LCSEXT93930	GCQUE1306091614		10.00	7.43	_	74
06/24/93	LCSEXT931420	GCQUE1306241717		10.00	8.47	•	85
06/25/93	LCSEXT931502	GCQUE1306241717	:	10.00	7.31	_	73
06/27/93	LCSEXT931540	GCQUE1306271713		10.00	8.67	-	87
06/28/93	LCSEXT931555	GCQUE1306271713		10.00	7.36	_	74
09/22/93	LCS934528	GCQUE1309221453		10.00	9.55	-	95
09/23/93	LCS934661	GCQUE1309221453		10.00	9.93	-	99
06/14/93	LCSEXT931078	GCTEX1306141311			10.00	-	100
06/15/93	LCSEXT931091	GCTEX1306141311			11.20	_	112
06/15/93	LCSEXTCAL931095	GCTEX1306152237			11.40	•	114
06/16/93	LCSEXT931164	GCTEX1306152237			10.30	_	103
06/21/93	LCSEXT931331	GCTEX1306211441			11.10	ug/L	111
06/22/93	LCSEXT931337	GCTEX1306211441			11.20	-	112
06/23/93	LCSEXT931360	GCTEX1306222319			10.70	-	107
06/24/93	LCSEXT931370	GCTEX1306222319	;	10.00	11.10	_	111
08/24/93	LCS933635	GCTEX1308242018		10.00	9.49	•	95
08/25/93	LCS933639	GCTEX1308242018			10.10	-	101
09/22/93	LCS934522	GCTEX1309221032			11.00	-	110
09/23/93	LCS934533	GCTEX1309221032			11.30	-	113
09/23/93	LCS934664	GCTEX1309231506		10.00 .	9.93	-	99
09/24/93	LCS934673	GCTEX1309231506			11.10	_	111
10/06/93	LCS934897	GCTEX1310061111		10.00		-	103
10/07/93	LCS934906	GCTEX1310061111		10.00	10.00	ug/L	100
Number of Sample	es : 37		Below acceptance	e: 0			

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8010 - Halogenated Volatile Organics Spiked Analyte : 1,1,1,2-Tetrachloroethane continued

Type of Spike : Laboratory Control

Mean % Recovery : 97.1 Standard Deviation : 11.06 Above acceptance : 0
Acceptance Criteria

NS

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,1,1-Trichloroethane

09/15/93	LCS934242	GCJAY1309150130	10.00	11.20	ug/L	112
09/16/93	LCS934250	GCJAY1309150130	10.00	10.30	ug/L	103
09/20/93	LCS934491	GCJAY1309201444	10.00	11.30	ug/L	113
09/21/93	LCS934506	GCJAY1309201444	10.00	11.90	ug/L	119
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	9.61	ug/L	96
06/21/93	LCS931309	GCPEA1306201359	10.00	9.40	ug/L	94
08/10/93	LCS933131	GCPEA1308101540	10.00	11.20	ug/L	112
08/11/93	LCS933141	GCPEA1308101540	10.00	10.90	ug/L	109
08/11/93	LCS933146	GCPEA1308101540	10.00	11.10	ug/L	111
08/16/93	LCS933413	GCPEA1308161047	10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA1308161047	10.00	10.70	ug/L	106
10/04/93	LCS934882	GCPEA1310041056	10.00	11.10	ug/L	111
10/05/93	LCS934887	GCPEA1310041056	10.00	12.00	ug/L	120
10/05/93	LCS934889	GCPEA1310041056	10.00	11.40	ug/L	114
06/09/93	LCS93-850	GCQUE1306091614	10.00	9.32	ug/L	93
06/10/93	LCS93934	GCQUE1306091614	10.00	10.70	ug/L	107
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.13	ug/L	91
06/25/93	LCS931501	GCQUE1306241717	10.00	8.81	ug/L	88
06/28/93	LCS931554	GCQUE1306271713	10.00	8.84	ug/L	88
06/28/93	LCS931556	GCQUE1306271713	10.00	8.52	ug/L	85
09/22/93	LCS934526	GCQUE1309221453	10.00 .	9.63	ug/L	96
09/23/93	LCS934660	GCQUE1309221453	10.00	9.71	ug/L	97
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	11.60	ug/L	116
06/15/93	LCS931089	GCTEX1306141311	10.00	11.20	ug/L	112
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	12.10	ug/L	121
06/16/93	LCS931163	GCTEX1306152237	10.00	11.10	ug/L	111
06/21/93	LCSCAL931330.	GCTEX1306211441	10.00	12.20	ug/L	122
06/22/93	LCS931336	GCTEX1306211441	10.00	12.20	ug/L	122
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	11.50	ug/L	115
06/23/93	LCS931368	GCTEX1306222319	10.00	10.90	ug/L	109
08/24/93	LCS933634	GCTEX1308242018	10.00	10.30	ug/L	103
08/25/93	LCS933640	GCTEX1308242018	10.00	9.78	ug/L	98
09/22/93	LCS934519	GCTEX1309221032	10.00	11.40	ug/L	114
09/23/93	LCS934532	GCTEX1309221032	10.00	11.20	ug/L	112
09/23/93	LCS934663	GCTEX1309231506	10.00	10.90	ug/L	109
09/24/93	LCS934672	GCTEX1309231506	10.00	11.60	ug/L	116
10/06/93	LCS934895	GCTEX1310061111	10.00	10.90	ug/L	109

DATE ORIG. AMOUNT RESULT %

ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte: 1,1,1-Trichloroethane continued

Type of Spike : Laboratory Control

10/07/93 LCS934905 GCTEX1310061111 10.00 11.00 ug/L 110

Number of Samples : 38 Below acceptance : 0
Mean % Recovery : 107.1 Above acceptance : 0
Standard Deviation : 10.10 Acceptance Criteria 41-138

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,1,2,2-Tetrachloroethane

09/15/93	LCS934242	GCJAY1309150130	10.00	7.51	ug/L	75
09/16/93	LCS934250	GCJAY1309150130	10.00	6.98	ug/L	70
09/20/93	LCS934491	GCJAY1309201444	10.00	8.06	ug/L	81
09/21/93	LCS934506	GCJAY1309201444	10.00	7.20	ug/L	72
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	7.83	ug/L	78
06/21/93	LCS931309	GCPEA1306201359	10.00 -	8.29	ug/L	83
08/10/93	LCS933131	GCPEA1308101540	10.00	7.44	ug/L	74
08/11/93	LCS933141	GCPEA1308101540	10.00	8.17	ug/L	82
08/11/93	LCS933146	GCPEA1308101540 .	10.00	8.18	ug/L	82
08/16/93	LCS933413	GCPEA1308161047	10.00	7.71	ug/L	77
08/17/93	LCS933420	GCPEA1308161047	10.00	7.30	ug/L	73
10/04/93	LCS934882	GCPEA1310041056	10.00	8.11	ug/L	81
10/05/93	LCS934887	GCPEA1310041056	10.00	7.86	ug/L	79
10/05/93	LCS934889	GCPEA1310041056	10.00	8.42	ug/L	84
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.54	ug/L	75
06/10/93	LCS93934	GCQUE1306091614	10.00	9.31	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.47	ug/L	95
06/25/93	LCS931501	GCQUE1306241717	10.00	10.10	ug/L	101
06/28/93	LCS931554	GCQUE1306271713	10.00	7.84	ug/L	78
06/28/93	LCS931556	GCQUE1306271713	10.00	8.96	ug/L	90
09/22/93	LCS934526	GCQUE1309221453	10.00	7.60	ug/L	76
09/23/93	LCS934660	GCQUE1309221453	10.00	7.15	ug/L	72
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	9.45	ug/L	95
06/15/93	LCS931089	GCTEX1306141311	10.00	8.94	ug/L	89
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	9.30	ug/L	93
06/16/93	LCS931163	GCTEX1306152237	10.00	8.37	ug/L	84
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	9.84	ug/L	98
06/22/93	LCS931336	GCTEX1306211441	10.00	8.87	ug/L	89
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	8.51	ug/L	85
06/23/93	LCS931368	GCTEX1306222319	10.00	8.45	ug/L	84
08/24/93	LCS933634	GCTEX1308242018	10.00	7.88	ug/L	79
08/25/93	LCS933640	GCTEX1308242018	10.00	7.70	ug/L	77
09/22/93	LCS934519	GCTEX1309221032	10.00	9.93	ug/L	99
09/23/93	LC\$934532	GCTEX1309221032	10.00	9.24	ug/L	92
	,					

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
) - Halogenated Volatile ,2-Tetrachloroethane cont						
pe of Spike : Laborat	cory Control						
09/23/93	LCS934663	GCTEX1309231506		10.00	8.66	ug/L	87
09/24/93	LCS934672	GCTEX1309231506		10.00	8.90	ug/L	89
10/06/93	LCS934895	GCTEX1310061111		10.00	9.02	ug/L	90
10/07/93	LCS934905	GCTEX1310061111		10.00	8.36	ug/L	84
Number of S	Samples : 38		Below accepta	ance :	0		
Mean % Reco	overy : 83	.8	Above accepta	ance :	0		
Standard De	eviation : 8	.24	Acceptance Ci	riteria	8-184		
09/21/93	06-MW-07-01 MS	GCJAY1309201444	0.08	10.00	8.62	ug/1	or.
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	0.08	10.00	8.99		85
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	7.84	_	89 78
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	8.80	-	88
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.22	•	92
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	8.96	•	90
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.78	•	78
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.87		79
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.31	_	93
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.76	-	98
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.94	-	79
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.26	-	93
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.81	_	98
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.63	_	96
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.40	-	104
00/05/00	05 101 01 00 110			_		-	

GCTEX1306250629

GCTEX1306250629

GCTEX1308242018

GCTEX1308242018

GCTEX1309231506

GCTEX1309231506

GCTEX1310061111

GCTEX1310061111

Number of Samples

06/25/93

06/25/93

08/25/93

08/25/93

09/23/93

09/23/93

10/06/93

10/06/93

05-MW-01-03 MS

05-MW-01-03 MSD

07-SW-03-01 MS

07-SW-03-01 MSD

05-MW-14-01

05-MW-14-01

08-GP-01-01

08-GP-01-01

Mean % Recovery Standard Deviation : 23

: 90.6

: 7.83

Below acceptance :

ND

ND

ND

ND

ND

ND

ND

ND

Above acceptance :

0

0

Acceptance Criteria 8-184

10.00

10.00

10.00

10.00

10.00

10.00

10.00

10.00

9.40

10.40

8.69

8.40

9.46

10.10

9.20

8.68

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L 95

94

104

87

84

101

92

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : 1,1,2-Trichloroethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.42	ug/L	94
09/16/93	LCS934250	GCJAY1309150130	10.00	7.98	ug/L	80
09/20/93	LCS934491	GCJAY1309201444	10.00	8.87	ug/L	89
09/21/93	LCS934506	GCJAY1309201444	10.00	8.52	ug/L	85
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.02	ug/L	80
06/21/93	LCS931309	GCPEA1306201359	10.00	8.09	ug/L	81
08/10/93	LCS933131	GCPEA1308101540	10.00	8.25	ug/L	82
08/11/93	LCS933141	GCPEA1308101540	10.00	8.66	ug/L	87
08/11/93	LCS933146	GCPEA1308101540	10.00	8.85	ug/L	89
08/16/93	LCS933413	GCPEA1308161047	10.00	8.10	ug/L	81
08/17/93	LCS933420	GCPEA1308161047	10.00	7.72	ug/L	77
10/04/93	LCS934882	GCPEA1310041056	10.00	9.00	ug/L	90
10/05/93	LCS934887	GCPEA1310041056	10.00	8.94	ug/L	89
10/05/93	LCS934889	GCPEA1310041056	10.00	9.01	ug/L	90
06/09/93	LCS93-850	GCQUE1306091614	10.00	6.96	ug/L	70
06/10/93	LCS93934	GCQUE1306091614	10.00	8.40	ug/L	84
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	10.60	ug/L	106
06/25/93	LCS931501	GCQUE1306241717	10.00	10.40	ug/L	104
06/28/93	LCS931554	GCQUE1306271713	10.00	8.96	ug/L	90
06/28/93	LCS931556	GCQUE1306271713	10.00	10.00	ug/L	100
09/22/93	LCS934526	GCQUE1309221453	10.00	8.70	ug/L	87
09/23/93	LCS934660	GCQUE1309221453	10.00	7.97	ug/L	80
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	9.44	ug/L	94
06/15/93	LCS931089	GCTEX1306141311	10.00	8.95	ug/L	89
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	9.38	ug/L	94
06/16/93	LCS931163	GCTEX1306152237	10.00	8.77	ug/L	88
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	9.60	ug/L	96
06/22/93	LCS931336	GCTEX1306211441	10.00	9.50	ug/L	95
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	9.05	ug/L	91
06/23/93	LCS931368	GCTEX1306222319	10.00	9.04	ug/L	90
08/24/93	LCS933634	GCTEX1308242018	10.00	8.11	ug/L	81
08/25/93	LCS933640	GCTEX1308242018	10.00	7.72	ug/L	77
09/22/93	LCS934519	GCTEX1309221032	10.00	9.17	ug/L	92
09/23/93	LCS934532	GCTEX1309221032	10.00	9.07	ug/L	91
09/23/93	LCS934663	GCTEX1309231506	10.00	8.58	ug/L	86
09/24/93	LCS934672	GCTEX1309231506	10.00	8.83	ug/L	88
10/06/93	LCS934895	GCTEX1310061111	10.00 .	8.29	ug/L	83
10/07/93	LCS934905	GCTEX1310061111	10.00	8.23	ug/L	82

Number of Samples : 38 Mean % Recovery : 87.7 Standard Deviation : 7.40

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 39-136

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 1,1-Dichloroethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	10.40	ug/L	104
09/16/93	LCS934250	GCJAY1309150130	10.00	9.07	ug/L	91
09/20/93	LCS934491	GCJAY1309201444	10.00	10.10	ug/L	101
09/21/93	LCS934506	GCJAY1309201444	10.00	9.97	ug/L	100
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.94	ug/L	89
06/21/93	LCS931309	GCPEA1306201359	10.00	8.39	ug/L	84
08/10/93	LCS933131	GCPEA1308101540	10.00	10.00	ug/L	100
08/11/93	LCS933141	GCPEA1308101540	10.00	10.10	ug/L	101
08/11/93	LCS933146	GCPEA1308101540	10.00	9.98	ug/L	100
08/16/93	LCS933413	GCPEA1308161047	10.00	9.62	ug/L	96
08/17/93	LCS933420	GCPEA1308161047	10.00	9.48	ug/L	95
10/04/93	LCS934882	GCPEA1310041056	10.00	10.20	ug/L	102
10/05/93	LCS934887	GCPEA1310041056	10.00	10.90	ug/L	109
10/05/93	LCS934889	GCPEA1310041056	10.00	10.60	ug/L	106
06/09/93	LCS93-850	GCQUE1306091614	10.00	9.03	ug/L	90
06/10/93	LCS93934	GCQUE1306091614	10.00	9.96	ug/L	100
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	10.50	ug/L	105
06/25/93	LCS931501	GCQUE1306241717	10.00	9.51	ug/L	95
06/28/93	LCS931554	GCQUE1306271713 *	10.00	8.82	ug/L	88
06/28/93	LCS931556	GCQUE1306271713	10.00	9.01	ug/L	90
09/22/93	LCS934526	GCQUE1309221453	10.00	9.56	ug/L	96
09/23/93	LCS934660	GCQUE1309221453	10.00	9.30	ug/L	93
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.20	ug/L	102
06/15/93	LCS931089	GCTEX1306141311	10.00	10.10	ug/L	100
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.50	ug/L	105
06/16/93	LCS931163	GCTEX1306152237	10.00	9.70	ug/L	97
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	10.70	ug/L	107
06/22/93	LCS931336	GCTEX1306211441	10.00	10.80	ug/L	108
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.20	ug/L	102
06/23/93	LCS931368	GCTEX1306222319	10.00	9.80	ug/L	98
08/24/93	LCS933634	GCTEX1308242018	10.00	9.31	ug/L	93
08/25/93	LCS933640	GCTEX1308242018	10.00	8.63	ug/L	86
09/22/93	LCS934519	GCTEX1309221032	10.00	9.89	ug/L	99
09/23/93	LCS934532	GCTEX1309221032	10.00	9.71	ug/L	97
09/23/93	LCS934663	GCTEX1309231506	10.00	9.62	ug/L	96
09/24/93	LCS934672	GCTEX1309231506	10.00	10.00	ug/L	100
10/06/93	LCS934895	GCTEX1310061111	10.00	9.66	ug/L	97
10/07/93	LCS934905	GCTEX1310061111	10.00	9.74	ug/L	97

Number of Samples

: 38

Below acceptance :

0

Mean % Recovery

: 97.9

Above acceptance :

Standard Deviation

: 6.09

Acceptance Criteria 47-132

DATE ORIG. AMOUNT AMOUNT RESULT %

ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,1-Dichloroethene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	10.30	ug/L	103
09/16/93	LCS934250	GCJAY1309150130	10.00	9.02	ug/L	90
09/20/93	LCS934491	GCJAY1309201444	10.00	10.40	ug/L	104
09/21/93	LCS934506	GCJAY1309201444	10.00	10.50	ug/L	105
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.45	ug/L	85
06/21/93	LCS931309	GCPEA1306201359	10.00	7.98	ug/L	80
08/10/93	LCS933131	GCPEA1308101540	10.00	10.80	ug/L	108
08/11/93	LCS933141	GCPEA1308101540	10.00	10.80	ug/L	108
08/11/93	LCS933146	GCPEA1308101540	10.00	10.50	ug/L	105
08/16/93	LCS933413	GCPEA1308161047	10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA1308161047	10.00	10.60	ug/L	106
10/04/93	LCS934882	GCPEA1310041056	10.00	10.30	ug/L	103
10/05/93	LCS934887	GCPEA1310041056	10.00 .	11.10	ug/L	111
10/05/93	LCS934889	GCPEA1310041056	10.00	11.60	ug/L	116
06/09/93	LCS93-850	GCQUE1306091614	10.00	6.24	ug/L	62
06/10/93	LCS93934	GCQUE1306091614	10.00	6.38	ug/L	64
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.36	ug/L	94
06/25/93	LCS931501	GCQUE1306241717	10.00	8.68	ug/L	87
06/28/93	LCS931554	GCQUE1306271713	10.00	7.92	ug/L	79
06/28/93	LCS931556	GCQUE1306271713	10.00	7.78	ug/L	78
09/22/93	LCS934526	GCQUE1309221453	10.00	10.00	ug/L	100
09/23/93	LCS934660	GCQUE1309221453	10.00	10.10	ug/L	101
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	8.47	ug/L	85
06/15/93	LCS931089	GCTEX1306141311	10.00	9.18	ug/L	92
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	9.71	ug/L	97
06/16/93	LCS931163	GCTEX1306152237	10.00	8.44	ug/L	84
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	9.38	ug/L	94
06/22/93	LCS931336	GCTEX1306211441	10.00	9.76	ug/L	98
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	9.20	ug/L	92
06/23/93	LCS931368	GCTEX1306222319	10.00	8.75	ug/L	87
08/24/93	LCS933634	GCTEX1308242018	10.00	8.92	ug/L	89
08/25/93	LCS933640	GCTEX1308242018	10.00	9.13	ug/L	91
09/22/93	LCS934519	GCTEX1309221032	10.00	9.31	ug/L	93
09/23/93	LCS934532	GCTEX1309221032	10.00	9.34	ug/L	93
09/23/93	LCS934663	GCTEX1309231506	10.00	10.40	ug/L	104
09/24/93	LCS934672	GCTEX1309231506	10.00	10.00	ug/L	100
10/06/93	LCS934895	GCTEX1310061111	10.00	10.10	ug/L	101
10/07/93	LCS934905	GCTEX1310061111	10.00	9.67	ug/L	97

Number of Samples : 38
Mean % Recovery : 94.5
Standard Deviation : 11.94

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 28-167

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte: 1,1-Dichloroethene continued

Type of Spike : Matrix Spike

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	11.10	ug/L	111
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	11.20	ug/L	112
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.87	ug/L	89
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	9.19	ug/L	92
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.10	ug/L	111
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.40	ug/L	114
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.05	ug/L	70
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.82	ug/L	78
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.05	ug/L	90
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	8.50	ug/L	85
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.40	ug/L	74
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.10	ug/L	91
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.54	ug/L	85
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.56	ug/L	96
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	8.41	ug/L	84
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	9.33	ug/L	93
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	9.50	ug/L	95
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.54	ug/L	95
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	10.90	ug/L	109
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00 •	9.43	ug/L	94
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.90	ug/L	89
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.96	ug/L	90
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.23	ug/L	92

Number of Samples : 23
Mean % Recovery : 93.0

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 28-167

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,2,3-Trichloropropane

Standard Deviation

Type of Spike : Laboratory Control

09/15/93	LCS934245	GCJAY1309150130	10.00	7.41	ug/L	74
09/16/93	LCS934251	GCJAY1309150130	10.00	7.35	ug/L	74
09/20/93	LCS934496	GCJAY1309201444	10.00	7.05	ug/L	71
09/21/93	LCS934507	GCJAY1309201444	10.00	8.00	ug/L	80
06/20/93	LCSEXT931297	GCPEA1306201359	10.00	8.24	ug/L	82
06/21/93	LCSEXT931310	GCPEA1306201359	10.00	8.52	ug/L	85
08/10/93	LCS933130	GCPEA1308101540	10.00	9.07	ug/L	91
08/11/93	LCS933142	GCPEA1308101540	10.00	9.28	ug/L	93
08/11/93	LCS933147	GCPEA1308101540	10.00	9.83	ug/L	98
					-	

Date Compiled: 30 April 1994

ND = Not Detected

: 11.88

NC = Not Calculable

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

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Type of Spike : Laboratory Control

08/16/93	LCS933415	GCPEA1308161047	10.00	7.99	ug/L	80
08/17/93	LCS933421	GCPEA1308161047	10.00	8.23	ug/L	82
10/04/93	LCS934883	GCPEA1310041056	10.00	7.28	ug/L	73
10/05/93	LCS934890	GCPEA1310041056	10.00	8.37	ug/L	84
06/09/93	LCSEXT93923	GCQUE1306091614	10.00	7.17	ug/L	72
06/10/93	LCSEXT93930	GCQUE1306091614	10.00	6.09	ug/L	61
06/24/93	LCSEXT931420	GCQUE1306241717	10.00	7.41	ug/L	74
06/25/93	LCSEXT931502	GCQUE1306241717	10.00	5.93	ug/L	59
06/27/93	LCSEXT931540	GCQUE1306271713	10.00	7.31	ug/L	73
06/28/93	LCSEXT931555	GCQUE1306271713	10.00	6.46	ug/L	65
09/22/93	LCS934528	GCQUE1309221453	10.00 .	7.84	ug/L	78
09/23/93	LCS934661	GCQUE1309221453	10.00	7.78	ug/L	78
06/14/93	LCSEXT931078	GCTEX1306141311	10.00	10.50	ug/L	105
06/15/93	LCSEXT931091	GCTEX1306141311	10.00	11.50	ug/L	115
06/15/93	LCSEXTCAL931095	GCTEX1306152237	10.00	12.50	ug/L	125
06/16/93	LCSEXT931164	GCTEX1306152237	10.00	11.20	ug/L	112
06/21/93	LCSEXT931331	GCTEX1306211441	10.00	12.80	ug/L	128
06/22/93	LCSEXT931337	GCTEX1306211441	10.00	11.70	ug/L	117
06/23/93	LCSEXT931360	GCTEX1306222319	10.00	11.60	ug/L	116
06/24/93	LCSEXT931370	GCTEX1306222319	10.00	11.70	ug/L	116
08/24/93	LCS933635	GCTEX1308242018	10.00	9.54	ug/L	95
08/25/93	LCS933639	GCTEX1308242018	10.00	11.90	ug/L	119
09/22/93	LCS934522	GCTEX1309221032	10.00	12.50	ug/L	125
09/23/93	LCS934533	GCTEX1309221032	10.00	12.30	ug/L	123
09/23/93	LCS934664	GCTEX1309231506	10.00	10.70	ug/L	107
09/24/93	LCS934673	GCTEX1309231506	10.00	12.30	ug/L	123
10/06/93	LCS934897	GCTEX1310061111	10.00	11.70	ug/L	117
10/07/93	LCS934906	GCTEX1310061111	10.00	10.70	ug/L	107

Number of Samples : 37 Below acceptance : 0
Mean % Recovery : 94.0 Above acceptance : 0
Standard Deviation : 21.27 Acceptance Criteria N

Method: SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1.2-Dichlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.04	ug/L	90
09/16/93	LCS934250 ·	GCJAY1309150130	10.00	8.46	ug/L	85
09/20/93	LCS934491	GCJAY1309201444	10.00	9.38	ug/L	94
09/21/93	LCS934506	GCJAY1309201444	10.00	9.73	ug/L	97
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.93	ug/L	89
06/21/93	LCS931309	GCPEA1306201359	10.00	8.99	ug/L	90
08/10/93	LCS933131	GCPEA1308101540	10.00	9.48	ug/L	95

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 1,2-Dichlorobenzene continued

Type of Spike : Laboratory Control

			•			
08/11/93	LCS933141	GCPEA1308101540	10.00	10.00	ug/L	100
08/11/93	LCS933146	GCPEA1308101540	10.00	10.00	ug/L	100
08/16/93	LCS933413	GCPEA1308161047	10.00	9.41	ug/L	94
08/17/93	LCS933420	GCPEA1308161047	10.00	9.26	ug/L	93
10/04/93	LCS934882	GCPEA1310041056	10.00	9.55	ug/L	95
10/05/93	LCS934887	GCPEA1310041056	10.00	9.86	ug/L	99
10/05/93	LCS934889	GCPEA1310041056	10.00	10.10	ug/L	101
06/09/93	LCS93-850	GCQUE1306091614	10.00	9.11	ug/L	91
06/10/93	LCS93934	GCQUE1306091614	10.00	9.91	ug/L	99
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	11.20	ug/L	112
06/25/93	LCS931501	GCQUE1306241717	10.00	10.70	ug/L	107
06/28/93	LCS931554	GCQUE1306271713	10.00	9.11	ug/L	91
06/28/93	LCS931556	GCQUE1306271713	10.00	10.20	ug/L	102
09/22/93	LCS934526	GCQUE1309221453	10.00	9.35	ug/L	94
09/23/93	LCS934660	GCQUE1309221453	10.00	9.84	ug/L	98
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.30	ug/L	103
06/15/93	LCS931089	GCTEX1306141311	10.00	9.83	ug/L	98
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.40	ug/L	104
06/16/93	LCS931163	GCTEX1306152237	10.00	9.63	ug/L	96
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	10.50	ug/L	105
06/22/93	LCS931336	GCTEX1306211441	10.00	10.40	ug/L	104
06/22/93	LCSCAL931359	GCTEX1306222319	10.00 .	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319	10.00	9.91	ug/L	99
08/24/93	LCS933634	GCTEX1308242018	10.00	8.86	ug/L	89
08/25/93	LCS933640	GCTEX1308242018	10.00	8.20	ug/L	82
09/22/93	LCS934519	GCTEX1309221032	10.00	9.83	ug/L	98
09/23/93	LCS934532	GCTEX1309221032	10.00	9.35	ug/L	93
09/23/93	LCS934663	GCTEX1309231506	10.00	9.34	ug/L	93
09/24/93	LCS934672	GCTEX1309231506	10.00	9.67	ug/L	97
10/06/93	LCS934895	GCTEX1310061111	10.00	9.29	ug/L	93
10/07/93	LCS934905	GCTEX1310061111	10.00	8.57	ug/L	86

Number of Samples

Standard Deviation

: 38

Mean % Recovery : 96.2

: 6.30

Below acceptance :

Above acceptance : 0 Acceptance Criteria D-208

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : 1,2-Dichloroethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.27	ug/L	93
09/16/93	LCS934250	GCJAY1309150130	10.00	8.32	ug/L	83
09/20/93	LCS934491	GCJAY1309201444	10.00	9.07	ug/L	91
09/21/93	LCS934506	GCJAY1309201444	10.00	8.94	ug/L	89
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.21	ug/L	82
06/21/93	LCS931309	GCPEA1306201359	10.00	8.29	ug/L	83
08/10/93	LCS933131	GCPEA1308101540	10.00	8.77	ug/L	88
08/11/93	LCS933141	GCPEA1308101540	10.00	8.96	ug/L	90
08/11/93	LCS933146	GCPEA1308101540	10.00	9.07	ug/L	91
08/16/93	LCS933413	GCPEA1308161047	10.00 .	8.50	ug/L	85
08/17/93	LCS933420	GCPEA1308161047	10.00	8.23	ug/L	82
10/04/93	LCS934882	GCPEA1310041056	10.00	9.12	ug/L	91
10/05/93	LCS934887	GCPEA1310041056	10.00	9.37	ug/L	94
10/05/93	LCS934889	GCPEA1310041056	10.00	9.24	ug/L	92
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.95	ug/L	80
06/10/93	LCS93934	GCQUE1306091614	10.00	8.35	ug/L	84
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.13	ug/L	91
06/25/93	LCS931501	GCQUE1306241717	10.00	8.42	ug/L	84
06/28/93	LCS931554	GCQUE1306271713	10.00	8.96	ug/L	90
06/28/93	LCS931556	GCQUE1306271713	10.00	7.86	ug/L	79
09/22/93	LCS934526	GCQUE1309221453	10.00	8.31	ug/L	83
09/23/93	LCS934660	GCQUE1309221453	10.00	8.29	ug/L	83
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.00	ug/L	100
06/15/93	LCS931089	GCTEX1306141311	10.00	9.82	ug/L	98
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.40	ug/L	104
06/16/93	LCS931163	GCTEX1306152237	10.00	9.95	ug/L	100
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	10.60	ug/L	106
06/22/93	LCS931336	GCTEX1306211441	10.00	10.50	ug/L	105
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319	10.00	9.83	ug/L	98
08/24/93	LCS933634	GCTEX1308242018	10.00	9.69	ug/L	97
08/25/93	LCS933640	GCTEX1308242018	10.00	8.82	ug/L	88
09/22/93	LCS934519	GCTEX1309221032	10.00	10.40	ug/L	104
09/23/93	LCS934532	GCTEX1309221032	10.00	10.50	ug/L	105
09/23/93	LCS934663	GCTEX1309231506	10.00	9.85	ug/L	98
09/24/93	LCS934672	GCTEX1309231506	10.00	10.60	ug/L	106
10/06/93	LCS934895	GCTEX1310061111	10.00	9.78	ug/L	98
10/07/93	LCS934905	GCTEX1310061111	10.00	10.00	ug/L	100
	. 					

Number of Samples Mean % Recovery

: 38 : 92.5 Below acceptance : Above acceptance :

0

Standard Deviation

: 8.23

Acceptance Criteria 51-147

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 1,2-Dichloroethane continued

Type of Spike : Matrix Spike

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	9.71	ug/L	97
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	9.56	ug/L	96
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.40	ug/L	84
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	8.82	ug/L	88
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.07	ug/L	91
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.19	ug/L	92
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	0.04	10.00	8.68	ug/L	86
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	0.04	10.00	8.39	ug/L	84
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.76	ug/L	98
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.16	ug/L	92
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.71	ug/L	77
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	10.00	ug/L	100
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.58	ug/L	96
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.60	ug/L	106
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.10	ug/L	101
06/25/93	05-MW-01-03 MS	GCTEX1306250629	3.17	10.00	13.70	ug/L	105
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	3.17	10.00 -	14.20	ug/L	110
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.18	ug/L	92
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.60	ug/L	96
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.37	ug/L	94
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.79	ug/L	98
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.14	ug/L	91
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.21	ug/L	92

Number of Samples : 23 Mean % Recovery : '94.2 Below acceptance :

Above acceptance : 0 Acceptance Criteria 51-147

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,2-Dichloropropane

Standard Deviation

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	10.10	ug/L	101
09/16/93	LCS934250	GCJAY1309150130	10.00	9.03	ug/L	90
09/20/93	LCS934491	GCJAY1309201444	10.00	10.10	ug/L	101
09/21/93	LCS934506	GCJAY1309201444	10.00	10.10	ug/L	101
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.78	ug/L	88
06/21/93	LCS931309	GCPEA1306201359	10.00	8.54	ug/L	85
08/10/93	LCS933131	GCPEA1308101540	10.00	9.89	ug/L	99
08/11/93	LCS933141	GCPEA1308101540	10.00	9.87	ug/L	99
08/11/93	LCS933146	GCPEA1308101540	10.00	9.81	ug/L	98

Date Compiled: 30 April 1994

ND = Not Detected

: 7.63

							
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 1,2-Dichloropropane continued

Type of Spike : Laboratory Control

08/16/93	LCS933413	GCPEA1308161047	10.00	9.23	ug/L	92
08/17/93	LCS933420	GCPEA1308161047	10.00	9.23	ug/L	92
10/04/93	LCS934882	GCPEA1310041056	10.00	9.97	ug/L	100
10/05/93	LCS934887	GCPEA1310041056	10.00	10.40	ug/L	104
10/05/93	LCS934889	GCPEA1310041056	10.00	10.20	ug/L	102
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.70	ug/L	77
06/10/93	LCS93934	GCQUE1306091614	10.00	8.53	ug/L	85
06/24/93	LCSCAL931419	GCQUE1306241717	10.00 .	9.20	ug/L	92
06/25/93	LCS931501	GCQUE1306241717	10.00	9.02	ug/L	90
06/28/93	LCS931554	GCQUE1306271713	10.00	8.30	ug/L	83
06/28/93	LCS931556	GCQUE1306271713	10.00	8.20	ug/L	82
09/22/93	LCS934526	GCQUE1309221453	10.00	9.34	ug/L	93
09/23/93	LCS934660	GCQUE1309221453	10.00	8.77	ug/L	88
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.00	ug/L	100
06/15/93	LCS931089	GCTEX1306141311	10.00	9.86	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.40	ug/L	104
06/16/93	LCS931163	GCTEX1306152237	10.00	9.47	ug/L	95
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	10.40	ug/L	104
06/22/93	LCS931336	GCTEX1306211441	10.00	10.20	ug/L	102
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319	10.00	9.63	ug/L	96
08/24/93	LCS933634	GCTEX1308242018	10.00	9.02	ug/L	90
08/25/93	LCS933640	GCTEX1308242018	10.00	8.41	ug/L	84
09/22/93	LCS934519	GCTEX1309221032	10.00	9.52	ug/L	95
09/23/93	LCS934532	GCTEX1309221032	10.00	9.81	ug/L	98
09/23/93	LCS934663	GCTEX1309231506	10.00	9.34	ug/L	93
09/24/93	LCS934672	GCTEX1309231506	10.00	9.69	ug/L	97
10/06/93	LCS934895	GCTEX1310061111	10.00	8.95	ug/L	89
10/07/93	LCS934905	GCTEX1310061111	10.00	8.96	ug/L	90

Number of Samples : 38 Mean % Recovery : 94.2 Standard Deviation : 6.97

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 44-156

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	9.66	ug/L	97
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	10.10	ug/L	101
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.52	ug/L	85
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	8.71	ug/L	87
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.77	ug/L	98
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.35	ug/L	93
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.56	ug/L	86
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.59	ug/L	86
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	8.69	ug/L	87

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 1,2-Dichloropropane continued

Type of Spike : Matrix Spike

06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	8.74	ug/L	87	
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.87	ug/L	79	
06/16/93	10-MW-01-03	GCTEX1306152237	0.06	10.00	9.32	ug/L	93	
06/16/93	10-MW-01-03	GCTEX1306152237	0.06	10.00	9.88	ug/L	98	
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.72	ug/L	97	
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.20	ug/L	102	
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	10.00	ug/L	100	
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	10.30	ug/L	103	
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	8.69	ug/L	87	
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.30	ug/L	93	
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.13	ug/L	91	
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.61	ug/L	86	
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.37	ug/L	84	
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.45	ug/L	85	
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Number of Samples

: 23

Below acceptance : Above acceptance :

Mean % Recovery : 91.5 Standard Deviation : 6.83

Acceptance Criteria .44-156

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,3-Dichlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.55	ug/L	95
09/16/93	LCS934250	GCJAY1309150130	10.00	9.09	ug/L	91
09/20/93	LCS934491	GCJAY1309201444	10.00	10.00	ug/L	100
09/21/93	LCS934506	GCJAY1309201444	10.00	10.10	ug/L	101
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.93	ug/L	89
06/21/93	LCS931309	GCPEA1306201359	10.00	8.58	ug/L	86
08/10/93	LCS933131	GCPEA1308101540	10.00	10.20	ug/L	102
08/11/93	LCS933141	GCPEA1308101540	10.00	10.70	ug/L	107
08/11/93	LCS933146	GCPEA1308101540	10.00	10.50	ug/L	105
08/16/93	LCS933413	GCPEA1308161047	10.00	10.10	ug/L	101
08/17/93	LCS933420 .	GCPEA1308161047	10.00	10.00	ug/L	100
10/04/93	LCS934882	GCPEA1310041056	10.00	10.40	ug/L	104
10/05/93	LCS934887	GCPEA1310041056	10.00	10.60	ug/L	106
10/05/93	LCS934889	GCPEA1310041056	10.00	11.00	ug/L	110
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.80	ug/L	78
06/10/93	LCS93934	GCQUE1306091614	10.00	9.20	ug/L	92
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.17	ug/L	92
06/25/93	LCS931501	GCQUE1306241717	10.00	9.17	ug/L	92
06/28/93	LCS931554	GCQUE1306271713	10.00	7.67	ug/L	77
06/28/93	LCS931556	GCQUE1306271713	10.00	8.62	ug/L	86
09/22/93	LCS934526	GCQUE1309221453	10.00	9.55	ug/L	95

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte: 1,3-Dichlorobenzene continued

Type of Spike : Laboratory Control

09/23/93	LCS934660	GCQUE1309221453	10.00	9.14	ug/L	91	
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.30	ug/L	103	
06/15/93	LCS931089	GCTEX1306141311	10.00	9.62	ug/L	96	
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.30	ug/L	103	
06/16/93	LCS931163	GCTEX1306152237	10.00	9.45	ug/L	95	
06/21/93	LCSCAL931330	GCTEX1306211441	10.00 •	10.30	ug/L	103	
06/22/93	LCS931336	GCTEX1306211441	10.00	10.20	ug/L	102	
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	9.86	ug/L	99	
06/23/93	LCS931368	GCTEX1306222319	10.00	9.65	ug/L	97	
08/24/93	LCS933634	GCTEX1308242018	10.00	8.41	ug/L	84	
08/25/93	LCS933640	GCTEX1308242018	10.00	7.69	ug/L	77	
09/22/93	LCS934519	GCTEX1309221032	10.00	9.25	ug/L	92	
09/23/93	LCS934532	GCTEX1309221032	10.00	8.79	ug/L	88	
09/23/93	LCS934663	GCTEX1309231506	10.00	8.62	ug/L	86	
09/24/93	LCS934672	GCTEX1309231506	10.00	8.98	ug/L	90	
10/06/93	LCS934895	GCTEX1310061111	10.00	8.29	ug/L	83	
10/07/93	LCS934905	GCTEX1310061111	10.00	8.05	ug/L	81	
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Number of Samples : 94.2 Mean % Recovery : 8.85 Standard Deviation

Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 7-187

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,4-Dichlorobenzene

09/15/93	LCS934242	GCJAY1309150130	10.00	9.43	ug/L	94
09/16/93	LCS934250	GCJAY1309150130	10.00	8.53	ug/L	85
09/20/93	LCS934491	GCJAY1309201444	10.00	9.46	ug/L	95
09/21/93	LCS934506	GCJAY1309201444	10.00	9.80	ug/L	98
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	9.26	ug/L	93
06/21/93	LCS931309	GCPEA1306201359	10.00	9.22	ug/L	92
08/10/93	LCS933131	GCPEA1308101540	10.00	9.82	ug/L	98
08/11/93	LCS933141	GCPEA1308101540	10.00	10.50	ug/L	105
08/11/93	LCS933146	GCPEA1308101540	10.00	10.40	ug/L	104
08/16/93	LCS933413	GCPEA1308161047	10.00	9.85	ug/L	98
08/17/93	LCS933420	GCPEA1308161047	10.00	9.75	ug/L	98
10/04/93	LCS934882	GCPEA1310041056	10.00	9.82	ug/L	98
10/05/93	LCS934887	GCPEA1310041056	10.00	10.10	ug/L	101
10/05/93	LCS934889	GCPEA1310041056	10.00	10.40	ug/L	104
06/09/93	LCS93-850	GCQUE1306091614	10.00	9.67	ug/L	97
06/10/93	LCS93934	GCQUE1306091614	10.00	10.70	ug/L	107
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	11.50	ug/L	115
06/25/93	LCS931501	GCQUE1306241717	10.00	11.50	ug/L	115
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ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	. %

Spiked Analyte : 1,4-Dichlorobenzene continued

Type of Spike : Laboratory Control

06/28/93	LCS931554	GCQUE1306271713	10.00	9.75	ug/L	98
06/28/93	LCS931556	GCQUE1306271713	10.00	11.10	ug/L	111
09/22/93	LCS934526	GCQUE1309221453	10.00	9.88	ug/L	99
09/23/93	LCS934660	GCQUE1309221453	10.00	9.30	ug/L	93
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.60	ug/L	106
06/15/93	LCS931089	GCTEX1306141311	10.00	9.95	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.70	ug/L	107
06/16/93	LCS931163	GCTEX1306152237	10.00	9.87	ug/L	99
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.20	ug/L	112
06/22/93	LCS931336	GCTEX1306211441	10.00	10.90	ug/L	109
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.30	ug/L	103
06/23/93	LCS931368	GCTEX1306222319	10.00	10.20	ug/L	102
08/24/93	LCS933634	GCTEX1308242018	10.00	9.80	ug/L	98
08/25/93	LCS933640	GCTEX1308242018	10.00	8.99	ug/L	90
09/22/93	LCS934519	GCTEX1309221032	10.00	10.60	ug/L	106
09/23/93	LCS934532	GCTEX1309221032	10.00 -	10.10	ug/L	101
09/23/93	LCS934663	GCTEX1309231506	10.00	10.00	ug/L	100
09/24/93	LCS934672	GCTEX1309231506	10.00	10.40	ug/L	104
10/06/93	LCS934895	GCTEX1310061111	10.00	10.10	ug/L	101
10/07/93	LCS934905	GCTEX1310061111	10.00	9.90	ug/L	99

Number of Samples : 38 Mean % Recovery : 100.9 Standard Deviation : 6.60

Below acceptance : Above acceptance : 0

Acceptance Criteria 42-143

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1-Chlorohexane

Type of Spike : Laboratory Control

09/15/93	LCS934245	GCJAY1309150130	10.00	11.50	ug/L	115
09/16/93	LCS934251	GCJAY1309150130	10.00	11.20	ug/L	112
09/20/93	LCS934496	GCJAY1309201444	10.00	11.80	ug/L	118
09/21/93	LCS934507	GCJAY1309201444	. 10.00	11.70	ug/L	117
06/20/93	LCSEXT931297	GCPEA1306201359	10.00	8.82	ug/L	88
06/21/93	LCSEXT931310	GCPEA1306201359	10.00	8.17	ug/L	82
08/10/93	LCS933130	GCPEA1308101540	10.00	11.00	ug/L	110
08/11/93	LCS933142	GCPEA1308101540	10.00	11.60	ug/L	116
08/11/93	LCS933147	GCPEA1308101540	10.00	12.80	ug/L	128
08/16/93	LCS933415	GCPEA1308161047	10.00	11.90	ug/L	119
08/17/93	LCS933421	GCPEA1308161047	10.00	10.70	ug/L	107
10/04/93	LCS934883	GCPEA1310041056	10.00	10.50	ug/L	105
10/05/93	LCS934890	GCPEA1310041056	10.00	11.90	ug/L	119
06/09/93	LCSEXT93923	GCQUE1306091614	10.00	13.40	ug/L	134
06/10/93	LCSEXT93930	GCQUE1306091614	10.00	10.20	ug/L	102
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Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
				31 INLD			
Method · SW8010	- Halogenated Volatil	o Organics					
Spiked Analyte : 1-Chlo	ū	e organics					
Type of Spike : Laborat	ory Control						
06/24/93	LCSEXT931420	GC0UE1306241717		10.00	10.90	ug/L	109
06/25/03	LCSEYT031502	GC0UF1306241717		10.00	0.75	- J.	08

06/24/93	LCSEXT931420	GCQUE1306241717	10.00	10.90	ug/L	109
06/25/93	LCSEXT931502	GCQUE1306241717	10.00	9.75	ug/L	98
06/27/93	LCSEXT931540	GCQUE1306271713	10.00	11.10	ug/L	111
06/28/93	LCSEXT931555	GCQUE1306271713	10.00	9.93	ug/L	99
09/22/93	LCS934528	GCQUE1309221453	10.00	11.10	ug/L	111
09/23/93	LCS934661	GCQUE1309221453	10.00	11.90	ug/L	119
06/14/93	LCSEXT931078	GCTEX1306141311	10.00	11.00	ug/L	110
06/15/93	LCSEXT931091	GCTEX1306141311	10.00	12.60	ug/L	126
06/15/93	LCSEXTCAL931095	GCTEX1306152237	10.00	12.60	ug/L	126
06/16/93	LCSEXT931164	GCTEX1306152237	10.00	11.20	ug/L	112
06/21/93	LCSEXT931331	GCTEX1306211441	10.00	11.70	ug/L	117
06/22/93	LCSEXT931337	GCTEX1306211441	10.00	12.30	ug/L	123
06/23/93	LCSEXT931360	GCTEX1306222319	10.00	11.60	ug/L	116
06/24/93	LCSEXT931370	GCTEX1306222319	10.00	12.20	ug/L	122
08/24/93	LCS933635	GCTEX1308242018	10.00	8.23	ug/L	82
08/25/93	LCS933639	GCTEX1308242018	10.00	9.75	ug/L	97
09/22/93	LCS934522	GCTEX1309221032	10.00	10.80	ug/L	108
09/23/93	LCS934533	GCTEX1309221032	10.00	10.50	ug/L	105
09/23/93	LCS934664	GCTEX1309231506	10.00	10.00	ug/L	100
09/24/93	LCS934673	GCTEX1309231506	10.00	10.50	ug/L	105
10/06/93	LCS934897	GCTEX1310061111	10.00	9.62	ug/L	96
10/07/93	LCS934906	GCTEX1310061111	10.00	8.67	ug/L	87

Number of Samples : 37 Below acceptance : 0 Mean % Recovery : 109.5 Above acceptance : 0 Standard Deviation : 12.57 Acceptance Criteria · N

Method: SW8010 - Halogenated Volatile Organics

Spiked Analyte : 2-Chloroethyl vinyl ether

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	7.95	ug/L	79
09/16/93	LCS934250	GCJAY1309150130	10.00	6.78	ug/L	68
09/20/93	LCS934491	GCJAY1309201444	10.00	7.95	ug/L	79
09/21/93	LCS934506	GCJAY1309201444	10.00	7.14	ug/L	71
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	6.39	ug/L	64
06/21/93	LCS931309	GCPEA1306201359	10.00	6.25	ug/L	63
08/10/93	LCS933131	GCPEA1308101540	10.00	5.72	ug/L	57
08/11/93	LCS933141	GCPEA1308101540	10.00	5.09	ug/L	51
08/11/93	LCS933146	GCPEA1308101540	10.00	5.31	ug/L	53
08/16/93	LCS933413	GCPEA1308161047	10.00	5.94	ug/L	59
08/17/93	LCS933420	GCPEA1308161047	10.00	5.08	ug/L	51
10/04/93	LCS934882	GCPEA1310041056	10.00	7.87	ug/L	79
10/05/93	LCS934887	GCPEA1310041056	10.00	8.27	ug/L	83

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	- Halogenated Volatil						
of Spike : Laborat	ory Control						
10/05/93	LCS934889	GCPEA1310041056		10.00	7.04	ug/L	70
06/09/93	LCS93-850	GCQUE1306091614		10.00	4.07	ug/L	41
06/10/93	LCS93934	GCQUE1306091614		10.00	5.04	ug/L	50
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	7.46	ug/L	75
06/25/93	LCS931501	GCQUE1306241717		10.00	7.14	ug/L	71
06/28/93	LCS931554	GCQUE1306271713		10.00	4.69	ug/L	47
06/28/93	LCS931556	GCQUE1306271713		10.00	6.07	ug/L	61
09/22/93	LCS934526	GCQUE1309221453		10.00	7.53	ug/L	75
09/23/93	LCS934660	GCQUE1309221453		10.00	6.13	ug/L	61
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	12.80	ug/L	128
06/15/93	LCS931089	GCTEX1306141311		10.00	11.70	_	117
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.80	-	108
06/16/93	LCS931163	GCTEX1306152237	,	10.00 -	11.90	_	119
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	13.00	_	130
06/22/93	LCS931336	GCTEX1306211441		10.00	12.40	-	124
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	12.40	-	124
06/23/93	LCS931368	GCTEX1306222319		10.00	11.00		110
08/24/93	LCS933634	GCTEX1308242018		10.00	10.30	ug/L	103
08/25/93	LCS933640	GCTEX1308242018		10.00	9.26	-	93
09/22/93	LCS934519	GCTEX1309221032		10.00	14.60		146
09/23/93	LCS934532	GCTEX1309221032		10.00	12.40	ug/L	124
09/23/93	LCS934663	GCTEX1309231506		10.00	13.90	ug/L	139
09/24/93	LCS934672	GCTEX1309231506		10.00	12.20		122
10/06/93	LCS934895	GCTEX1310061111		10.00	13.10	-	131
10/07/93	LCS934905	GCTEX1310061111		10.00	11.00		110
Number of C	amples						
Number of Sa Mean % Recov	•	3 37.8	Below acceptan	ice : ()		

Mean % Recovery Standard Deviation : 30.89 Above acceptance : 0
Acceptance Criteria 14-186

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Bromobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934245	GCJAY1309150130	10.00	11.30	ug/L	113
09/16/93	LCS934251	GCJAY1309150130	10.00	10.40	ug/L	104
09/20/93	LCS934496	GCJAY1309201444	10.00	10.60	ug/L	106
09/21/93	LCS934507	GCJAY1309201444	10.00	11.50	ug/L	115
06/20/93	LCSEXT931297	GCPEA1306201359	10.00	8.93	ug/L	89
06/21/93	LCSEXT931310	GCPEA1306201359	10.00	8.98	ug/L	90
08/10/93	LCS933130	GCPEA1308101540	10.00	8.35	ug/L	84
08/11/93	LCS933142	GCPEA1308101540	10.00	8.69	ug/L	87
08/11/93	LCS933147	GCPEA1308101540	10.00	9.49	ug/L	95
08/16/93	LCS933415	GCPEA1308161047	10.00	8.21	ug/L	82

Date Compiled: 30 April 1994 ND = Not Detected

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8010 ed Analyte : Bromob) - Halogenated Volatile	Organics	. •				
of Spike : Laborat							
08/17/93	LCS933421	GCPEA1308161047		10.00	7.78	ug/L	78
10/04/93	LCS934883	GCPEA1310041056		10.00	8.95	ug/L	90
10/05/93	LCS934890	GCPEA1310041056		10.00	9.81	ug/L	98
06/09/93	LCSEXT93923	GCQUE1306091614		10.00	9.49	ug/L	95
06/10/93	LCSEXT93930	GCQUE1306091614		10.00	7.39	ug/L	74
06/24/93	LCSEXT931420	GCQUE1306241717		10.00	10.00	ug/L	100
06/25/93	LCSEXT931502	GCQUE1306241717		10.00	10.30	ug/L	103
06/27/93	LCSEXT931540	GCQUE1306271713		10.00	10.30	ug/L	103
06/28/93	LCSEXT931555	GCQUE1306271713		10.00	8.92	ug/L	89
09/22/93	LCS934528	GCQUE1309221453		10.00	11.40	ug/L	114
09/23/93	LCS934661	GCQUE1309221453		10.00	11.10	ug/L	111
06/14/93	LCSEXT931078	GCTEX1306141311		10.00	12.00	ug/L	120
06/15/93	LCSEXT931091	GCTEX1306141311		10.00	13.40	ug/L	134
06/15/93	LCSEXTCAL931095	GCTEX1306152237		10.00	13.60	ug/L	136
06/16/93	LCSEXT931164	GCTEX1306152237		10.00	12.20	ug/L	122
06/21/93	LCSEXT931331	GCTEX1306211441		10.00	11.40	ug/L	114
06/22/93	LCSEXT931337	GCTEX1306211441		10.00	13.20	ug/L	132
06/23/93	LCSEXT931360	GCTEX1306222319		10.00	12.50	ug/L	125
06/24/93	LCSEXT931370	GCTEX1306222319		10.00	13.30	ug/L	133
08/24/93	LCS933635	GCTEX1308242018		10.00	8.88	ug/L	89
08/25/93	LCS933639	GCTEX1308242018		10.00	9.95	ug/L	99
09/22/93	LCS934522	GCTEX1309221032		10.00	10.90	ug/L	109
09/23/93	LCS934533	GCTEX1309221032		10.00	11.10	ug/L	111
09/23/93	LCS934664	GCTEX1309231506		10.00	9.99	ug/L	100
09/24/93	LCS934673	GCTEX1309231506		10.00	11.00	ug/L	110
10/06/93	LCS934897	GCTEX1310061111		10.00	10.30	ug/L	103
10/07/93	LCS934906	GCTEX1310061111		10.00	9.69	ug/L	97

Number of Samples : 37 Below acceptance : 0
Mean % Recovery : 104.2 Above acceptance : 0
Standard Deviation : 16.04 Acceptance Criteria NS

Method : SW8010 - Halogenated Volatile Organics*

Spiked Analyte : Bromodichloromethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.14	ug/L	91
				-	•	_
09/16/93	LCS934250	GCJAY1309150130	10.00	8.38	ug/L	84
09/20/93	LCS934491	GCJAY1309201444	10.00	9.18	ug/L	92
09/21/93	LCS934506	GCJAY1309201444	10.00	9.45	ug/L	95
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.09	ug/L	81
06/21/93	LCS931309	GCPEA1306201359	10.00	8.12	ug/L	81
08/10/93	LCS933131	GCPEA1308101540	10.00	8.88	ug/L	89
08/11/93	LCS933141	GCPEA1308101540	10.00 .	9.12	ug/L	91

Date Compiled: 30 April 1994 ND = Not Detected \cdot NC = Not Calculable NR = Not Reported \star = Value considered suspect, refer to QC report

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8010 Spiked Analyte : Bromod) - Halogenated Volatil	_					`
Type of Spike : Laborat							
/ /							
08/11/93	LCS933146	GCPEA1308101540		10.00	9.31	ug/L	93
08/16/93	LCS933413	GCPEA1308161047		10.00	8.53	ug/L	85
08/17/93	LCS933420	GCPEA1308161047		10.00	8.28	ug/L	83
10/04/93	LCS934882	GCPEA1310041056		10.00	10.30	ug/L	103
10/05/93	LCS934887	GCPEA1310041056		10.00	10.60	ug/L	106
10/05/93	LCS934889	GCPEA1310041056		10.00	10.60	ug/L	106
06/09/93	LCS93-850	GCQUE1306091614		10.00	6.92	ug/L	69
06/10/93	LCS93934	GCQUE1306091614		10.00	7.36	ug/L	74
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	8.82	ug/L	88
06/25/93	LCS931501	GCQUE1306241717		10.00	9.01	ug/L	90
06/28/93	LCS931554	GCQUE1306271713		10.00	8.43	ug/L	84
06/28/93	LCS931556	GCQUE1306271713		10.00	8.34	ug/L	83
09/22/93	LCS934526	GCQUE1309221453		10.00	9.11	ug/L	91
09/23/93	LCS934660	GCQUE1309221453		10.00	8.53	ug/L	85
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	9.69	ug/L	97
06/15/93	LCS931089	GCTEX1306141311		10.00	9.72	ug/L	97
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.10	ug/L	101
06/16/93	LCS931163	GCTEX1306152237		10.00	9.28	ug/L	93
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	10.10	ug/L	101
06/22/93	LCS931336	GCTEX1306211441		10.00	10.10	ug/L	101
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.72	ug/L	97
06/23/93	LCS931368	GCTEX1306222319		10.00	9.52	ug/L	95
08/24/93	LCS933634	GCTEX1308242018		10.00	8.77	ug/L	88
08/25/93	LCS933640	GCTEX1308242018		10.00	8.02	ug/L	80
09/22/93	LCS934519	GCTEX1309221032		10.00	9.04	ug/L	90
09/23/93	LCS934532	GCTEX1309221032		10.00	9.14	ug/L	91
09/23/93	LCS934663	GCTEX1309231506		10.00	8.85	ug/L	89
09/24/93	LCS934672	GCTEX1309231506		10.00	9.35	ug/L	94
10/06/93	LCS934895	GCTEX1310061111		10.00	8.61	ug/L	86
10/07/93	LCS934905	GCTEX1310061111		10.00	8.90	ug/L	89

Number of Samples : 38
Mean % Recovery : 90.3
Standard Deviation : 8.19

Below acceptance : 0
Above acceptance : 0 Acceptance Criteria .42-174

DATE ORIG. AMOUNT AMOUNT RESULT **ANALYZED** SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Bromomethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	5.94	ug/L	59
09/16/93	LCS934250	GCJAY1309150130	10.00	5.43	ug/L	54
09/20/93	LCS934491	GCJAY1309201444	10.00	6.33	ug/L	63
09/21/93	LCS934506	GCJAY1309201444	10.00	5.75	ug/L	57
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	6.60	ug/L	66
06/21/93	LCS931309	GCPEA1306201359	10.00	6.31	ug/L	63
08/10/93	LCS933131	GCPEA1308101540	10.00	5.66	ug/L	57
08/11/93	LCS933141	GCPEA1308101540	10.00	5.60	ug/L	56
08/11/93	LCS933146	GCPEA1308101540	10.00	5.46	ug/L	55
08/16/93	LCS933413	GCPEA1308161047	10.00	6.20	ug/L	62
08/17/93	LCS933420	GCPEA1308161047	10.00	5.41	ug/L	54
10/04/93	LCS934882	GCPEA1310041056	10.00	7.88	ug/L	79
10/05/93	LCS934887	GCPEA1310041056	10.00	7.98	ug/L	80
10/05/93	LCS934889	GCPEA1310041056	10.00	8.37	ug/L	84
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.09	ug/L	71
06/10/93	LCS93934	GCQUE1306091614	10.00	7.71	ug/L	77
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	8.94	ug/L	89
06/25/93	LCS931501	GCQUE1306241717	10.00	8.53	ug/L	85
06/28/93	LCS931554	GCQUE1306271713	10.00	7.64	ug/L	76
06/28/93	LCS931556	GCQUE1306271713	10.00	7.69	ug/L	77
09/22/93	LCS934526	GCQUE1309221453	10.00	7.31	ug/L	73
09/23/93	LCS934660	GCQUE1309221453	10.00 •	6.60	ug/L	66
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	11.20	ug/L	112
06/15/93	LCS931089	GCTEX1306141311	10.00	13.30	ug/L	133
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	12.80	ug/L	128
06/16/93	LCS931163	GCTEX1306152237	10.00	11.60	ug/L	116
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	13.20	ug/L	132
06/22/93	LCS931336	GCTEX1306211441	10.00	11.50	ug/L	115
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	11.10	ug/L	111
06/23/93	LCS931368	GCTEX1306222319	10.00	10.50	ug/L	105
08/24/93	LCS933634	GCTEX1308242018	10.00	11.50	ug/L	115
08/25/93	LCS933640	GCTEX1308242018	10.00	10.70	ug/L	107
09/22/93	LCS934519	GCTEX1309221032	10.00	10.20	ug/L	102
09/23/93	LCS934532	GCTEX1309221032	10.00	10.30	ug/L	103
09/23/93	LCS934663	GCTEX1309231506	10.00	12.20	ug/L	122
09/24/93	LCS934672	GCTEX1309231506	10.00	11.90	ug/L	119
10/06/93	LCS934895	GCTEX1310061111	10.00	12.60	ug/L	126
10/07/93	LCS934905	GCTEX1310061111	10.00	12.30	ug/L	123

Number of Samples

: 38

: 88.7

Below acceptance : Above acceptance :

0 0

Mean % Recovery Standard Deviation

: 26.46

Acceptance Criteria D-144

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Carbon tetrachloride

Type of Spike : Laboratory Control

·	•					
09/15/93	LCS934242	GCJAY1309150130	10.00	11.50	ug/L	115
09/16/93	LCS934250	GCJAY1309150130	10.00	10.50	ug/L	105
09/20/93	LCS934491	GCJAY1309201444	10.00	11.60	ug/L	116
09/21/93	LCS934506	GCJAY1309201444	10.00	12.10	ug/L	121
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	9.75	ug/L	98
06/21/93	LCS931309	GCPEA1306201359	10.00	9.40	ug/L	94
08/10/93	LCS933131	GCPEA1308101540	10.00	11.60	ug/L	116
08/11/93	LCS933141	GCPEA1308101540	10.00	11.30	ug/L	113
08/11/93	LCS933146	GCPEA1308101540	10.00	11.40	ug/L	114
08/16/93	LCS933413	GCPEA1308161047	10.00	11.00	ug/L	110
08/17/93	LCS933420	GCPEA1308161047	10.00	11.10	ug/L	111
10/04/93	LCS934882	GCPEA1310041056	10.00	11.80	ug/L	118
10/05/93	LCS934887	GCPEA1310041056	10.00	12.90	ug/L	129
10/05/93	LCS934889	GCPEA1310041056	10.00	12.30	ug/L	123
06/09/93	LCS93~850	GCQUE1306091614	10.00	9.10	ug/L	91
06/10/93	LCS93934	GCQUE1306091614	10.00	10.60	ug/L	106
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	10.00	ug/L	100
06/25/93	LCS931501	GCQUE1306241717	10.00	9.76	ug/L	98
06/28/93	LCS931554	GCQUE1306271713	10.00	9.10	ug/L	91
06/28/93	LCS931556	GCQUE1306271713	10.00	9.28	ug/L	93
09/22/93	LCS934526	GCQUE1309221453	10.00	10.40	ug/L	104
09/23/93	LCS934660	GCQUE1309221453	10.00	10.50	ug/L	105
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	11.50	ug/L	115
06/15/93	LCS931089	GCTEX1306141311	10.00	10.90	ug/L	109
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	11.90	ug/L	119
06/16/93	LCS931163	GCTEX1306152237	10.00	10.80	ug/L	108
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.80	ug/L	118
06/22/93	LCS931336	GCTEX1306211441	10.00	11.60	ug/L	116
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	11.30	ug/L	113
06/23/93	LCS931368	GCTEX1306222319	10.00	10.70	ug/L	107
08/24/93	LCS933634	GCTEX1308242018	10.00	10.30	ug/L	103
08/25/93	LCS933640	GCTEX1308242018	10.00	9.50	ug/L	95
09/22/93	LCS934519	GCTEX1309221032	10.00	11.50	ug/L	115
09/23/93	LCS934532	GCTEX1309221032	10.00	11.00	ug/L	110
09/23/93	LCS934663	GCTEX1309231506	10.00	10.90	ug/L	109
09/24/93	LCS934672	GCTEX1309231506	10.00	11.50	ug/L	115
10/06/93	LCS934895	GCTEX1310061111	10.00	11.10	ug/L	111
10/07/93	LCS934905	GCTEX1310061111	10.00	11.10	ug/L	111

Number of Samples

Below acceptance : 0

Mean % Recovery

Above acceptance :

Standard Deviation

: 38 : 109.1 : 9.18

Acceptance Criteria 43-143

DATE ORIG. AMOUNT AMOUNT RESULT % ANALYZED SAMPLE ID BATCH ID **RESULT** SPIKED RECOVERED UNIT RECOVERY

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Carbon tetrachloride continued

Type of Spike : Matrix Spike

Type of Spike: Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	11.20	ug/L	112
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	11.30	ug/L	113
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	9.31	ug/L	93
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	9.53	ug/L	95
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	10.60	ug/L	106
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.10	ug/L	111
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	10.30	ug/L	103
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	10.40	ug/L	104
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	8.95	ug/L	89
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.09	ug/L	91
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	8.52	ug/L	85
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.54	ug/L	95
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	10.10	ug/L	101
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	11.00	.ug/L	110
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	11.00	ug/L	110
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00 -	10.40	ug/L	104
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	10.50	ug/L	105
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.18	ug/L	92
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.90	ug/L	99
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.51	ug/L	95
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.24	ug/L	92
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.84	ug/L	88
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.92	ug/L	89

Number of Samples

Standard Deviation

Mean % Recovery

: 23

: 99.2

: 8.71

Below acceptance :

Above acceptance :

0 0 .

Acceptance Criteria 43-143

Method: SW8010 - Halogenated Volatile Organics

Spiked Analyte : Chlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	9.62	ug/L	96
09/16/93	LCS934250	GCJAY1309150130	10.00	8.53	ug/L	85
09/20/93	LCS934491	GCJAY1309201444	10.00	9.76	ug/L	98
09/21/93	LCS934506	GCJAY1309201444	10.00	9.88	ug/L	99
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.73	ug/L	87
06/21/93	LCS931309	GCPEA1306201359	10.00	8.45	ug/L	85
08/10/93	LCS933131	GCPEA1308101540	10.00	10.20	ug/L	102
08/11/93	LCS933141	GCPEA1308101540	10.00	10.40	ug/L	104
08/11/93	LCS933146	GCPEA1308101540	10.00	10.30	ug/L	103

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE	CANDLE ID	DATOU ID	ORIG.	AMOUN'		RESULT	
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKEI 	O RECOVERED	UNIT	RECOVE
Method : SW801() - Halogenated Volatile	Organics					
Spiked Analyte : Chloro		J. 3465					
Type of Spike : Laborat	cory Control						
08/16/93	LCS933413	GCPEA1308161047		10.00	9.56	ug/L	96
08/17/93	LCS933420	GCPEA1308161047		10.00	9.56	ug/L	96
10/04/93	LCS934882	GCPEA1310041056		10.00	10.30	ug/L	103
10/05/93	LCS934887	GCPEA1310041056		10.00	11.30	ug/L	113
10/05/93	LCS934889	GCPEA1310041056		10.00	11.20	ug/L	112
06/09/93	LCS93-850	GCQUE1306091614		10.00	8.33	ug/L	83
06/10/93	LCS93934	GCQUE1306091614		10.00	9.75	ug/L	98
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	10.30	ug/L	103
06/25/93	LCS931501	GCQUE1306241717		10.00	10.10	ug/L	101
06/28/93	LCS931554	GCQUE1306271713		10.00	8.84	ug/L	88
06/28/93	LCS931556	GCQUE1306271713		10.00	9.83	ug/L	98
09/22/93	LCS934526	GCQUE1309221453		10.00	10.10	ug/L	101
09/23/93	LCS934660	GCQUE1309221453		10.00	9.47	ug/L	95
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.30	ug/L	103
06/15/93	LCS931089	GCTEX1306141311		10.00	9.91	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.60	ug/L	106
06/16/93	LCS931163	GCTEX1306152237		10.00	9.84	ug/L	98
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	9.82	ug/L	98
06/22/93	LCS931336	GCTEX1306211441		10.00	10.70	ug/L	107
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	10.00	ug/L	100
06/23/93	LCS931368	GCTEX1306222319		10.00	8.82	ug/L	88
08/24/93	LCS933634	GCTEX1308242018		10.00	9.11	ug/L	91
08/25/93	LCS933640	GCTEX1308242018		10.00	8.30	ug/L	83
09/22/93	LCS934519	GCTEX1309221032		10.00	9.99	ug/L	100
09/23/93	LCS934532	GCTEX1309221032		10.00	9.80	ug/L	98
09/23/93	LCS934663	GCTEX1309231506		10.00	9.48	ug/L	95
09/24/93	LCS934672	GCTEX1309231506		10.00	9.88	ug/L	99
10/06/93	LCS934895	GCTEX1310061111		10.00	9.38	ug/L	94
10/07/93	LCS934905	GCTEX1310061111		10.00	9.30	ug/L	93
Number of S	amples : 38		Below accept	ance :	0		
Mean % Reco	very : 97	.3	Above accept		0		
Standard De	viation : 7	. 27	Acceptance C		38-150		
Type of Spike : Matrix	Spike						
09/21/93	06-MW-07-01 MS	CC 14V1200001444	ND.		0.15		
09/21/93		GCJAY1309201444	ND	10.00	9.10	•	91
06/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	9.69	- ,	97
	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	8.23		82
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND ND	10.00	7.99	_	80
10/04/93 10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND ND	10.00	9.91	-	99
	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	9.98	•	100
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	9.05	-	90
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	9.16	-	92
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.17	ug/L	92

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Chlorobenzene continued

Type of Spike : Matrix Spike

06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	8.57	ug/L	86
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.47	ug/L	75
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.83	ug/L	88
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.23	ug/L	82
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	8.94	ug/L	89
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.77	ug/L	98
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	8.98	ug/L	90
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	9.11	ug/L	91
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	7.11	ug/L	71
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	8.83	ug/L	88
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.53	ug/L	85
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.84	ug/L	88
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.14	ug/L	81
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	7.87	ug/L	79

Below acceptance :

0

: 23 Number of Samples Mean % Recovery : 87.6 Standard Deviation : 7.50

Above acceptance :
Acceptance Criteria Acceptance Criteria ·38-150

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Chloroethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	8.84	ug/L	88
09/16/93	LCS934250	GCJAY1309150130	10.00	7.85	ug/L	78
09/20/93	LCS934491	GCJAY1309201444	10.00	8.97	ug/L	90
09/21/93	LCS934506	GCJAY1309201444	10.00	8.22	ug/L	82
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	9.85	ug/L	99
06/21/93	LCS931309	GCPEA1306201359	10.00	9.15	ug/L	91
08/10/93	LCS933131	GCPEA1308101540	10.00	9.57	ug/L	96
08/11/93	LCS933141	GCPEA1308101540	10.00	9.52	ug/L	95
08/11/93	LCS933146	GCPEA1308101540	10.00	9.34	ug/L	93
08/16/93	LCS933413	GCPEA1308161047	10.00	9.84	ug/L	98
08/17/93	LCS933420	GCPEA1308161047	10.00	9.51	ug/L	95
10/04/93	LCS934882	GCPEA1310041056	10.00	9.64	ug/L	96
10/05/93	LCS934887	GCPEA1310041056	10.00	9.83	ug/L	98
10/05/93	LCS934889	GCPEA1310041056	10.00	9.80	ug/L	98
06/09/93	LCS93-850	GCQUE1306091614	10.00	8.58	ug/L	86
06/10/93	LCS93934	GCQUE1306091614	10.00	9.37	ug/L	94
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	12.50	ug/L	125
06/25/93	LCS931501	GCQUE1306241717	10.00	11.60	ug/L	116
06/28/93	LCS931554	GCQUE1306271713	10.00	11.10	ug/L	111
06/28/93	LCS931556	GCQUE1306271713	10.00	11.00	ug/L	110
09/22/93	LCS934526	GCQUE1309221453	10.00	9.01	ug/L	90

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

		TO THE OR THE OWN					
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Chloroethane continued

Type of Spike : Laboratory Control

09/23/93	LCS934660	GCQUE1309221453	10.00	7.85	ug/L	79
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	9.58	ug/L	96
06/15/93	LCS931089	GCTEX1306141311	10.00	10.40	ug/L	104
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.90	ug/L	109
06/16/93	LCS931163	GCTEX1306152237	10.00	9.52	ug/L	95
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.00	ug/L	110
06/22/93	LCS931336	GCTEX1306211441	10.00	10.60	ug/L	106
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.30	ug/L	103
06/23/93	LCS931368	GCTEX1306222319	10.00	9.58	ug/L	96
08/24/93	LCS933634	GCTEX1308242018	10.00	10.40	ug/L	104
08/25/93	LCS933640	GCTEX1308242018	10.00	10.10	ug/L	101
09/22/93	LCS934519	GCTEX1309221032	10.00	11.30	ug/L	113
09/23/93	LCS934532	GCTEX1309221032	10.00	10.20	ug/L	102
09/23/93	LCS934663	GCTEX1309231506	10.00	11.30	ug/L	113
09/24/93	LCS934672	GCTEX1309231506	10.00	11.00	ug/L	110
10/06/93	LCS934895	GCTEX1310061111	10.00	11.20	ug/L	112
10/07/93	LCS934905	GCTEX1310061111	10.00	11.10	ug/L	111

Number of Samples : 38
Mean % Recovery : 99.8

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 8-163

Method : SW8010 - Halogenated Volatile Organics

: 10.62

Spiked Analyte : Chloroform

Type of Spike : Laboratory Control

Standard Deviation

09/15/93	LCS934242	GCJAY1309150130	10.00	11.70	ug/L	117
09/16/93	LCS934250	GCJAY1309150130	10.00	10.30	ug/L	103
09/20/93	LCS934491	GCJAY1309201444	10.00	11.20	ug/L	112
09/21/93	LCS934506	GCJAY1309201444	10.00	11.30	ug/L	113
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	9.55	ug/L	96
06/21/93	LCS931309	GCPEA1306201359	10.00	9.37	ug/L	94
08/10/93	LCS933131	GCPEA1308101540	10.00	10.60	ug/L	106
08/11/93	LCS933141	GCPEA1308101540	10.00	10.70	ug/L	107
08/11/93	LCS933146	GCPEA1308101540	10.00	10.70	ug/L	107
08/16/93	LCS933413	GCPEA1308161047	10.00	10.10	ug/L	101
08/17/93	LCS933420	GCPEA1308161047	10.00	10.10	ug/L	101
10/04/93	LCS934882	GCPEA1310041056	10.00	10.50	ug/L	105
10/05/93	LCS934887	GCPEA1310041056	10.00	11.40	ug/L	114
10/05/93	LCS934889	GCPEA1310041056	10.00	10.80	ug/L	108
06/09/93	LCS93-850	GCQUE1306091614	10.00	9.00	ug/L	90
06/10/93	LCS93934	GCQUE1306091614	10.00	9.78	ug/L	98
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	10.70	ug/L	107
06/25/93	LCS931501	GCQUE1306241717	10.00	9.71	ug/L	97
					_	

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
				<u>-</u>			

Spiked Analyte : Chloroform continued

Type of Spike : Laboratory Control

06/28/93	LCS931554	GCQUE1306271713	10.00	8.83	ug/L	88
06/28/93	LCS931556	GCQUE1306271713	10.00	9.71	ug/L	97
09/22/93	LCS934526	GCQUE1309221453	10.00	9.63	ug/L	96
09/23/93	LCS934660	GCQUE1309221453	10.00	9.81	ug/L	98
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.90	ug/L	109
06/15/93	LCS931089	GCTEX1306141311	10.00	10.50	ug/L	105
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	11.30	ug/L	113
06/16/93	LCS931163	GCTEX1306152237	10.00	10.30	ug/L	103
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.20	ug/L	112
06/22/93	LCS931336	GCTEX1306211441	10.00	11.20	ug/L	112
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.50	ug/L	105
06/23/93	LCS931368	GCTEX1306222319	10.00	10.30	ug/L	103
08/24/93	LCS933634	GCTEX1308242018	10.00	9.74	ug/L	97
08/25/93	LCS933640	GCTEX1308242018	10.00	9.14	ug/L	91
09/22/93	LCS934519	GCTEX1309221032	10.00	10.60	ug/L	106
09/23/93	LCS934532	GCTEX1309221032	10.00	10.60	ug/L	106
09/23/93	LCS934663	GCTEX1309231506	10.00	9.96	ug/L	100
09/24/93	LCS934672	GCTEX1309231506	10.00	10.50	ug/L	105
10/06/93	LCS934895	GCTEX1310061111	10.00	10.20	ug/L	102
10/07/93	LCS934905	GCTEX1310061111	10.00	9.99	ug/L	100

Number of Samples : 38 Mean % Recovery : 103.3 Standard Deviation 7.00 Below acceptance : Above acceptance : 0 Acceptance Criteria

20-184

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Chloromethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	6.24	ug/L	62
09/16/93	LCS934250	GCJAY1309150130	10.00	5.33	ug/L	53
09/20/93	LCS934491	GCJAY1309201444	10.00	6.27	ug/L	63
09/21/93	LCS934506	GCJAY1309201444	10.00	5.91	ug/L	59
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	7.60	ug/L	76
06/21/93	LCS931309	GCPEA1306201359	10.00	6.82	ug/L	68
08/10/93	LCS933131	GCPEA1308101540	10.00 .	7.52	ug/L	75
08/11/93	LCS933141	GCPEA1308101540	10.00	7.42	ug/L	74
08/11/93	LCS933146	GCPEA1308101540	10.00	7.04	ug/L	70
08/16/93	LCS933413	GCPEA1308161047	10.00	7.41	ug/L	74
08/17/93	LCS933420	GCPEA1308161047	10.00	6.66	ug/L	67
10/04/93	LCS934882	GCPEA1310041056	10.00	7.52	ug/L	75
10/05/93	LCS934887	GCPEA1310041056	10.00	7.77	ug/L	78
10/05/93	LCS934889	GCPEA1310041056	10.00	7.98	ug/L	80
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.55	ug/L	76

ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
		en en en en en en					
	- Halogenated Volatil	e Organics					
oiked Analyte : Chloro	methane continued						
pe of Spike : Laborat	ory Control						
06/10/93	LCS93934	GCQUE1306091614		10.00	8.24	ug/L	82
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	9.38	ug/L	94
06/25/93	LCS931501	GCQUE1306241717		10.00	9.62	ug/L	96
06/28/93	LCS931554	GCQUE1306271713		10.00	8.56	ug/L	86
06/28/93	LCS931556	GCQUE1306271713		10.00	8.59	ug/L	86
09/22/93	LCS934526	GCQUE1309221453		10.00	6.38	ug/L	64
09/23/93	LCS934660	GCQUE1309221453		10.00	7.02	ug/L	70
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	8.68	ug/L	87
06/15/93	LCS931089	GCTEX1306141311		10.00	8.62	ug/L	86
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	8.83	ug/L	88
06/16/93	LCS931163	GCTEX1306152237		10.00	8.66	ug/L	87
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	8.94	ug/L	89
06/22/93	LCS931336	GCTEX1306211441		10.00	9.20	ug/L	92
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	8.07	ug/L	81
06/23/93	LCS931368	GCTEX1306222319		10.00	8.34	ug/L	83
08/24/93	LCS933634	GCTEX1308242018		10.00	7.09	ug/L	71
08/25/93	LCS933640	GCTEX1308242018		10.00	6.13	ug/L	61
09/22/93	LCS934519	GCTEX1309221032		10.00	7.13	ug/L	71
09/23/93	LCS934532	GCTEX1309221032		10.00	7.02	ug/L	70
09/23/93	LCS934663	GCTEX1309231506		10.00	7.57	ug/L	76
09/24/93	LCS934672	GCTEX1309231506		10.00	7.45	ug/L	75
10/06/93	LCS934895	GCTEX1310061111		10.00	8.21	ug/L	82
10/07/93 	LCS934905	GCTEX1310061111		10.00	7.55	ug/L	76
Number of Sa	amples : 3	8 .	Below acceptant	ce : (D		
Mean % Recov	very :	76.4	Above acceptant	ce : ' ()		
Standard Dev	viation :	10.22	Acceptance Cri		0-193		
Method : SW8010	- Halogenated Volatile	e Organics					
iked Analyte : Dibromo		-					
ype of Spike : Laborat	ory Control						

09/15/93	LCS934242	GCJAY1309150130	10.00	8.93	ug/L	89
09/16/93	LCS934250	GCJAY1309150130	10.00	8.19	ug/L	82
09/20/93	LCS934491	GCJAY1309201444	10.00	8.94	ug/L	89
09/21/93	LCS934506	GCJAY1309201444	10.00	8.95	ug/L	90
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	7.74	ug/L	77
06/21/93	LCS931309	GCPEA1306201359	10.00	8.69	ug/L	87
08/10/93	LCS933131	GCPEA1308101540	10.00	8.27	ug/L	83
08/11/93	LCS933141	GCPEA1308101540	10.00	8.88	ug/L	89
08/11/93	LCS933146	GCPEA1308101540	10.00	8.98	ug/L	90
08/16/93	LCS933413	GCPEA1308161047	10.00	8.44	ug/L	84
08/17/93	LCS933420	GCPEA1308161047	10.00	8.12	ug/L	81
10/04/93	LCS934882	GCPEA1310041056	10.00	9.09	ug/L	91
			20.00	0.00	~9/ L	O 1

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	- Halogenated Volatile C	rganics					
Spiked Analyte : Dibrom	ochloromethane continued						
ype of Spike : Laborat	ory Control	,					
10/05/93	LCS934887	GCPEA1310041056		10.00	9.08	ug/L	91
10/05/93	LCS934889	GCPEA1310041056		10.00	9.35	ug/L	94
06/09/93	LCS93-850	GCQUE1306091614		10.00	7.84	ug/L	78
06/10/93	LCS93934	GCQUE1306091614		10.00	9.26	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717		10.00	8.71	ug/L	87
06/25/93	LCS931501	GCQUE1306241717		10.00	9.25	ug/L	93
06/28/93	LCS931554	GCQUE1306271713		10.00	7.95	ug/L	79
06/28/93	LCS931556	GCQUE1306271713		10.00	8.93	ug/L	89
09/22/93	LCS934526	GCQUE1309221453		10.00	9.47	ug/L	95
09/23/93	LCS934660	GCQUE1309221453		10.00	9.34	ug/L	93
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	10.10	ug/L	101
06/15/93	LCS931089	GCTEX1306141311		10.00	9.66	ug/L	97
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	10.30	ug/L	103
06/16/93	LCS931163	GCTEX1306152237		10.00	9.53	ug/L	95
06/21/93	· LCSCAL931330	GCTEX1306211441		10.00	10.30	ug/L	103
06/22/93	LCS931336	GCTEX1306211441		10.00	10.20	ug/L	102
06/22/93	LCSCAL931359	GCTEX1306222319		10.00	9.70	ug/L	97
06/23/93	LCS931368	GCTEX1306222319		10.00	10.20	ug/L	102
08/24/93	LCS933634	GCTEX1308242018		10.00	8.95	ug/L	89
08/25/93	LCS933640	GCTEX1308242018	•	10.00	8.76	ug/L	88
09/22/93	LCS934519	GCTEX1309221032		10.00	10.10	ug/L	101
09/23/93	LCS934532	GCTEX1309221032		10.00	10.20	ug/L	102
	LCS934663	GCTEX1309231506		10.00	9.59	ug/L	96
09/23/93 09/24/93	LCS934672	GCTEX1309231506		10.00	9.99	_	100
	LCS934895	GCTEX1310061111		10.00	9.66	ug/L	97
10/06/93		GCTEX1310061111		10.00	9.61	ug/L	96
10/07/93 	LCS934905	GCIEXI31000IIII					
Number of S		•	Below accepta		0		
Mean % Reco	The state of the s		Above accepta		0		
Standard De	eviation : 7	.31	Acceptance Ci	riteria	24-191		
Type of Spike : Matrix	Spike						
09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	8.03	ug/L	80
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	8.13	ug/L	81
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00 .	5.47	ug/L	55
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	6.27	ug/L	63
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	8.97	ug/L	90
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	8.92	ug/L	89
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	0.22	10.00	7.13	ug/L	69
	12-MW-02-DS-03 M	GCQUE1306091614	0.22	10.00	7.70	ug/L	75
06/10/93		GCQUE1306091014	ND	10.00	8.13	ug/L	81
06/25/93	02-GW-03-03 MSD	•	ND	10.00	7.67	ug/L	77
06/28/93	09-MW-06-03 MS	GCQUE1306271713		10.00	6.64	ug/L ug/L	66
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND				
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	8.51	ug/L	85

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Dibromochloromethane continued

Type of Spike : Matrix Spike

06/16/93	. 10-MW-01-03	GCTEX1306152237	ND	10.00	9.25	ug/L	92
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.69	ug/L	97
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	9.22	ug/L	92
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	9.23	ug/L	92
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	9.85	ug/L	99
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	7.63	ug/L	76
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	8.26	ug/L	83
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.33	ug/L	83
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.84	ug/L	88
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	7.83	ug/L	78
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	7.72	ug/L	77

Number of Samples

: 23

Below acceptance :

Mean % Recovery Standard Deviation : 81.2 : 10.94

Above acceptance : Acceptance Criteria 24-191

0

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Dibromomethane

Type of Spike : Laboratory Control

09/15/93	LCS934245	GCJAY1309150130	10.00	8.48	ug/L	85
09/16/93	LCS934251	GCJAY1309150130	10.00	8.66	ug/L	87
09/20/93	LCS934496	GCJAY1309201444	10.00 -	8.17	ug/L	82
09/21/93	LCS934507	GCJAY1309201444	10.00	8.66	ug/L	87
06/20/93	LCSEXT931297	GCPEA1306201359	10.00	6.38	ug/L	64
06/21/93	LCSEXT931310	GCPEA1306201359	10.00	6.48	ug/L	65
08/10/93	LCS933130	GCPEA1308101540	10.00	7.45	ug/L	75
08/11/93	LCS933142	GCPEA1308101540	10.00	7.64	ug/L	76
08/11/93	LCS933147	GCPEA1308101540	10.00	8.39	ug/L	84
08/16/93	LCS933415	GCPEA1308161047	10.00	6.96	ug/L	70
08/17/93	LCS933421	GCPEA1308161047	10.00	6.80	ug/L	68
10/04/93	LCS934883	GCPEA1310041056	10.00	7.89	ug/L	79
10/05/93	LCS934890	GCPEA1310041056	10.00	8.98	ug/L	90
06/09/93	LCSEXT93923	GCQUE1306091614	10.00	7.64	ug/L	76
06/10/93	LCSEXT93930	GCQUE1306091614	10.00	6.80	ug/L	68
06/24/93	LCSEXT931420	GCQUE1306241717	10.00	8.61	ug/L	86
06/25/93	LCSEXT931502	GCQUE1306241717	10.00	7.38	ug/L	74
06/27/93	LCSEXT931540	GCQUE1306271713	10.00	8.64	ug/L	86
06/28/93	LCSEXT931555	GCQUE1306271713	10.00	7.73	ug/L	77
09/22/93	LCS934528	GCQUE1309221453	10.00	8.82	ug/L	88
09/23/93	LCS934661	GCQUE1309221453	10.00	8.51	ug/L	85
06/14/93	LCSEXT931078	GCTEX1306141311	10.00	9.82	ug/L	98
06/15/93	LCSEXT931091	GCTEX1306141311	10.00	11.10	ug/L	111
06/15/93	LCSEXTCAL931095	GCTEX1306152237	10.00	11.40	ug/L	114

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Dibromomethane continued

Type of Spike : Laboratory Control

LCSEXT931164	GCTEX1306152237	10.00	10.10	ug/L	101
LCSEXT931331	GCTEX1306211441	10.00	10.30	ug/L	103
LCSEXT931337	GCTEX1306211441	10.00	11.10	ug/L	111
LCSEXT931360	GCTEX1306222319	10.00	11.10	ug/L	111
LCSEXT931370	GCTEX1306222319	10.00	11.00	ug/L	110
LCS933635	GCTEX1308242018	10.00	7.50	ug/L	75
LCS933639	GCTEX1308242018	10.00	9.30	ug/L	93
LCS934522	GCTEX1309221032	10.00	10.80	ug/L	108
LCS934533	GCTEX1309221032	10.00	11.20	ug/L	112
LCS934664	GCTEX1309231506	10.00	9.39	ug/L	94
LCS934673	GCTEX1309231506	10.00	10.50	ug/L	105
LCS934897	GCTEX1310061111	10.00	9.50	ug/L	95
LCS934906	GCTEX1310061111	10.00	9.28	ug/L	93
	LCSEXT931331 LCSEXT931337 LCSEXT931360 LCSEXT931370 LCS933635 LCS933639 LCS934522 LCS934533 LCS934664 LCS934673 LCS934897	LCSEXT931331 GCTEX1306211441 LCSEXT931337 GCTEX1306211441 LCSEXT931360 GCTEX1306222319 LCSEXT931370 GCTEX1306222319 LCS933635 GCTEX1308242018 LCS933639 GCTEX1308242018 LCS934522 GCTEX1309221032 LCS934533 GCTEX1309221032 LCS934664 GCTEX1309231506 LCS934673 GCTEX1309231506 LCS934897 GCTEX1310061111	LCSEXT931331 GCTEX1306211441 10.00 LCSEXT931337 GCTEX1306211441 10.00 LCSEXT931360 GCTEX1306222319 10.00 LCSEXT931370 GCTEX1306222319 10.00 LCS933635 GCTEX1308242018 10.00 LCS933639 GCTEX1308242018 10.00 LCS934522 GCTEX1309221032 10.00 LCS934533 GCTEX1309221032 10.00 LCS934664 GCTEX1309231506 10.00 LCS934673 GCTEX1309231506 10.00 LCS934897 GCTEX1310061111 10.00	LCSEXT931331 GCTEX1306211441 10.00 10.30 LCSEXT931337 GCTEX1306211441 10.00 11.10 LCSEXT931360 GCTEX1306222319 10.00 11.10 LCSEXT931370 GCTEX1306222319 10.00 11.00 LCS933635 GCTEX1308242018 10.00 7.50 LCS933639 GCTEX1308242018 10.00 9.30 LCS934522 GCTEX1309221032 10.00 10.80 LCS934533 GCTEX1309221032 10.00 11.20 LCS934664 GCTEX1309231506 10.00 9.39 LCS934673 GCTEX1309231506 10.00 10.50 LCS934897 GCTEX1310061111 10.00 9.50	LCSEXT931331 GCTEX1306211441 10.00 10.30 ug/L LCSEXT931337 GCTEX1306211441 10.00 11.10 ug/L LCSEXT931360 GCTEX1306222319 10.00 11.10 ug/L LCSEXT931370 GCTEX1306222319 10.00 11.00 ug/L LCS933635 GCTEX1308242018 10.00 7.50 ug/L LCS933639 GCTEX1308242018 10.00 9.30 ug/L LCS934522 GCTEX1309221032 10.00 10.80 ug/L LCS934533 GCTEX1309221032 10.00 11.20 ug/L LCS934664 GCTEX1309231506 10.00 9.39 ug/L LCS934673 GCTEX1309231506 10.00 10.50 ug/L LCS934897 GCTEX1310061111 10.00 9.50 ug/L

Number of Samples Mean % Recovery

: 37 : 88.8

Below acceptance : Above acceptance : 0 NS

Standard Deviation

: 14.86

Acceptance Criteria

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Methylene chloride

Type of Spike : Laboratory Control

06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.39	ug/L	84
06/21/93	LCS931309	GCPEA1306201359	10.00	7.10	ug/L	71
06/09/93	LCS93-850	GCQUE1306091614	10.00	8.44	ug/L	84
06/10/93	LCS93934	GCQUE1306091614	10.00	9.33	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	10.00	ug/L	100
06/25/93	LCS931501	GCQUE1306241717	10.00	8.96	ug/L	90
06/28/93	LCS931554	GCQUE1306271713	10.00	8.78	ug/L	88
06/28/93	LCS931556	GCQUE1306271713	10.00	9.05	ug/L	91
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	13.30	ug/L	133
06/15/93	LCS931089	GCTEX1306141311	10.00	13.00	ug/L	130
06/15/93	LCSCAL931094	GCTEX1306152237	10.00 .	10.90	ug/L	109
06/16/93	LCS931163	GCTEX1306152237	10.00	12.00	ug/L	120
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.30	ug/L	113
06/22/93	LCS931336	GCTEX1306211441	10.00	12.40	ug/L	124
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.40	ug/L	104
06/23/93	LCS931368	GCTEX1306222319	10.00	8.45	ug/L	85

Number of Samples

: 16

Below acceptance :

Mean % Recovery

: 101.2

Above acceptance :

Standard Deviation : 18.55 Acceptance Criteria

NS

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE		-	ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Tetrachloroethene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	11.20	ug/L	112
09/16/93	LCS934250	GCJAY1309150130	10.00	9.99	ug/L	100
09/20/93	LCS934491	GCJAY1309201444	10.00	10.90	ug/L	109
09/21/93	LCS934506	GCJAY1309201444	10.00	11.40	ug/L	114
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	9.74	ug/L	97
06/21/93	LCS931309	GCPEA1306201359	10.00	9.43	ug/L	94
08/10/93	LCS933131	GCPEA1308101540	10.00	12.30	ug/L	123
08/11/93	LCS933141	GCPEA1308101540	10.00	12.10	ug/L	121
08/11/93	LCS933146	GCPEA1308101540	10.00	12.00	ug/L	120
08/16/93	LCS933413	GCPEA1308161047	10.00	11.60	ug/L	116
08/17/93	LCS933420	GCPEA1308161047	10.00	11.70	ug/L	117
10/04/93	LCS934882	GCPEA1310041056	10.00	12.60	ug/L	126
10/05/93	LCS934887	GCPEA1310041056	10.00	12.70	ug/L	127
10/05/93	LCS934889	GCPEA1310041056	10.00	12.80	ug/L	128
06/09/93	LCS93-850	GCQUE1306091614	10.00	8.76	ug/L	88
06/10/93	LCS93934	GCQUE1306091614	10.00	10.70	ug/L	107
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	12.00	ug/L	120
06/25/93	LCS931501	GCQUE1306241717	10.00	11.70	ug/L	117
06/28/93	LCS931554	GCQUE1306271713	10.00	10.10	ug/L	101
06/28/93	LCS931556	GCQUE1306271713	10.00	10.30	ug/L	103
09/22/93	LCS934526	GCQUE1309221453	10.00	11.10	ug/L	111
09/23/93	LCS934660	GCQUE1309221453	10.00	11.60	ug/L	116
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	11.20	ug/L	112
06/15/93	LCS931089	GCTEX1306141311	10.00	10.40	ug/L	104
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	11.40	ug/L	114
06/16/93	LCS931163	GCTEX1306152237	10.00	10.40	ug/L	104
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.50 .	ug/L	115
06/22/93	LCS931336	GCTEX1306211441	10.00	11.70	ug/L	117
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	10.90	ug/L	109
06/23/93	LCS931368	GCTEX1306222319	10.00	10.60	ug/L	106
08/24/93	LCS933634	GCTEX1308242018	10.00	9.99	ug/L	100
08/25/93	LCS933640	GCTEX1308242018	10.00	9.16	ug/L	92
09/22/93	LCS934519	GCTEX1309221032	10.00	11.20	ug/L	112
09/23/93	LCS934532	GCTEX1309221032	10.00	10.70	ug/L	107
09/23/93	LCS934663	GCTEX1309231506	10.00	10.60	ug/L	106
09/24/93	LCS934672	GCTEX1309231506	10.00	11.10	ug/L	111
10/06/93	LCS934895	GCTEX1310061111	10.00	10.60	ug/L	106
10/07/93	LCS934905	GCTEX1310061111	10.00	10.50	ug/L	105

Number of Samples

: 38

Below acceptance :

Mean % Recovery

: 110.2

Above acceptance :

Standard Deviation : 9.55 Acceptance Criteria 26-162

ANALYZED SAMPLE ID BATCH ID RE	SULT SPIKED RECOVERED UNIT RECOVERY
DATE OR	IG. AMOUNT AMOUNT RESULT %

Spiked Analyte : Tribromomethane(Bromoform)

Type of Spike : Laboratory Control

•						
09/15/93	LCS934242	GCJAY1309150130	10.00	7.96	ug/L	80
09/16/93	LCS934250	GCJAY1309150130	10.00	6.99	ug/L	70
09/20/93	LCS934491	GCJAY1309201444	10.00	7.99	ug/L	80
09/21/93	LCS934506	GCJAY1309201444	10.00	7.62	ug/L	76
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	5.21	ug/L	52
06/21/93	LCS931309	GCPEA1306201359	10.00	5.74	ug/L	57
08/10/93	LCS933131	GCPEA1308101540	10.00	6.39	ug/L	64
08/11/93	LCS933141	GCPEA1308101540	10.00	7.04	ug/L	70
08/11/93	LCS933146	GCPEA1308101540	10.00	7.16	ug/L	72
08/16/93	LCS933413	GCPEA1308161047	10.00	6.71	ug/L	67
08/17/93	LCS933420	GCPEA1308161047	10.00	6.13	ug/L	61
10/04/93	LCS934882	GCPEA1310041056	10.00	8.08	ug/L	81
10/05/93	LCS934887	GCPEA1310041056	10.00 -	7.95	ug/L	79
10/05/93	LCS934889	GCPEA1310041056	10.00	8.41	ug/L	84
06/09/93	LC\$93-850	GCQUE1306091614	10.00	7.88	ug/L	79
06/10/93	LCS93934	GCQUE1306091614	10.00	8.77	ug/L	88
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	7.79	ug/L	78
06/25/93	LCS931501	GCQUE1306241717	10.00	8.18	ug/L	82
06/28/93	LCS931554	GCQUE1306271713	10.00	6.60	ug/L	66
06/28/93	LCS931556	GCQUE1306271713	10.00	8.31	ug/L	83
09/22/93	LCS934526	GCQUE1309221453	10.00	10.20	ug/L	102
09/23/93	LCS934660	GCQUE1309221453	10.00	9.87	ug/L	99
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	9.02	ug/L	90
06/15/93	LCS931089	GCTEX1306141311	10.00	8.72	ug/L	87
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	8.83	ug/L	88
06/16/93	LCS931163	GCTEX1306152237	10.00	8.48	ug/L	85
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	9.00	ug/L	90
06/22/93	LCS931336	GCTEX1306211441	10.00	9.47	ug/L	95
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	9.00	ug/L	90
06/23/93	LCS931368	GCTEX1306222319	10.00	8.63	ug/L	86
08/24/93	LCS933634	GCTEX1308242018	10.00	7.26	ug/L	73
08/25/93	LCS933640	GCTEX1308242018	10.00	7.08	ug/L	71
09/22/93	LCS934519 .	GCTEX1309221032	10.00	8.71	ug/L	87
09/23/93	LCS934532	GCTEX1309221032	10.00	8.48	ug/L	85
09/23/93	LCS934663	GCTEX1309231506	10.00	8.20	ug/L	82
09/24/93	LCS934672	GCTEX1309231506	10.00	8.40	ug/L	84
10/06/93	LCS934895	GCTEX1310061111	10.00	8.06	ug/L	81
10/07/93	LCS934905	GCTEX1310061111	10.00	7.57	ug/L	76

Number of Samples : 38 : 79.5 Mean % Recovery

Standard Deviation : 10.97 Below acceptance :

Above acceptance :

Acceptance Criteria 13-159

0

0

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Trichloroethene

Type of Spike : Laboratory Control

•	3						
09/15/93	LCS934242	CC 14V12001F0120			4.		
09/16/93	LCS934250	GCJAY1309150130 GCJAY1309150130	10.00	11.00	ug/L	110	
09/20/93	LCS934491	GCJAY1309130130	10.00	9.27	ug/L	93	
09/21/93	LCS934506	GCJAY1309201444 GCJAY1309201444	10.00	11.00	ug/L	110	
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	11.60	ug/L	116	
06/21/93	LCS931309		10.00	9.38	ug/L	94	
08/10/93		GCPEA1306201359	10.00	9.02	ug/L	90	
08/11/93	LCS933131	GCPEA1308101540	10.00	11.00	ug/L	110	
	LCS933141	GCPEA1308101540	10.00	10.90	ug/L	109	
08/11/93	LCS933146	GCPEA1308101540	10.00	10.90	ug/L	109	
08/16/93	LCS933413	GCPEA1308161047	10.00	10.30	ug/L	103	
08/17/93	LCS933420	GCPEA1308161047	10.00	10.20	ug/L	102	
10/04/93	LCS934882	GCPEA1310041056	10.00	11.00	ug/L	110	
10/05/93	LCS934887	GCPEA1310041056	10.00	11.80	ug/L	118	
10/05/93	LCS934889	GCPEA1310041056	10.00	11.40	ug/L	114	
06/09/93	LCS93-850	GCQUE1306091614	10.00	9.27	ug/L	93	
06/10/93	LCS93934	GCQUE1306091614	10.00	10.60	ug/L	106	
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	11.10	ug/L	111	
06/25/93	LCS931501	GCQUE1306241717	10.00	9.68	ug/L	97	
06/28/93	LCS931554	GCQUE1306271713	10.00	9.10	ug/L	91	
06/28/93	LCS931556	GCQUE1306271713	10.00	9.15	ug/L	92	
09/22/93	LCS934526	GCQUE1309221453	10.00	10.70	ug/L	107	
09/23/93	LCS934660	GCQUE1309221453	10.00	10.60	ug/L	106	
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.70	ug/L	107	
06/15/93	LCS931089	GCTEX1306141311	10.00	10.30	ug/L	103	
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	11.00	ug/L	110	
06/16/93	LCS931163	GCTEX1306152237	10.00	10.20	ug/L	102	
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.30	ug/L	113	
06/22/93	LCS931336	GCTEX1306211441	10.00	11.70	ug/L	117	
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	11.20	ug/L	112	
06/23/93	LCS931368	GCTEX1306222319	10.00	10.60	ug/L	106	
08/24/93	LCS933634	GCTEX1308242018	10.00	9.87	ug/L	99	
08/25/93	LCS933640	GCTEX1308242018	10.00	9.00	ug/L	90	
09/22/93	LCS934519	GCTEX1309221032	10.00	10.60	ug/L	106	
09/23/93	LCS934532	GCTEX1309221032	10.00	10.60	ug/L	106	
09/23/93	LCS934663	GCTEX1309231506	10.00	10.40	ug/L	104	
09/24/93	LCS934672	GCTEX1309231506	10.00	10.90	ug/L	109	
10/06/93	LCS934895	GCTEX1310061111	10.00	9.88	ug/L	99	
10/07/93	LCS934905	GCTEX1310061111	10.00	9.78	ug/L	98	
					ug/ L	30	

Number of Samples

: 38

Below acceptance :

Mean % Recovery

: 104.5

Above acceptance :

0

Standard Deviation : 7.85

Acceptance Criteria 35-146

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method: SW8010 - Halogenated Volatile Organics

Spiked Analyte : Trichloroethene continued

Type of Spike : Matrix Spike

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	9.38	ug/L	94
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	9.52	ug/L	95
06/21/93	10-MW-01-03 MS	GCPEA1306201359	0.26	10.00	9.94	ug/L	97
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	0.26	10.00	10.00	ug/L	98
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	10.00	ug/L	100
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	10.10	ug/L	101
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.37	ug/L	84
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	8.52	ug/L	85
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00 .	7.71	ug/L	77
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	7.46	ug/L	75
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	7.00	ug/L	70
06/16/93	10-MW-01-03	GCTEX1306152237	0.51	10.00	11.20	ug/L	107
06/16/93	10-MW-01-03	GCTEX1306152237	0.51	10.00	10.40	ug/L	99
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	0.48	10.00	10.70	ug/L	103
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	0.48	10.00	11.00	ug/L	105
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	10.80	ug/L	108
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	11.00	ug/L	110
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.32	ug/L	93
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.96	ug/L	100
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.68	ug/L	97
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.26	ug/L	93
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	9.08	ug/L	91
10/06/93	08-GP-01-01	GCTEX1310061111	ND .	10.00	9.14	ug/L	91

Number of Samples : 23 Mean % Recovery : '94.5 Standard Deviation : 10.50 Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 35-146

Method: SW8010 - Halogenated Volatile Organics

Spiked Analyte : Trichlorofluoromethane

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	7.36	ug/L	74
09/16/93	LCS934250	GCJAY1309150130	10.00	6.81	ug/L	68
09/20/93	LCS934491	GCJAY1309201444	10.00	10.30	ug/L	103
09/21/93	LCS934506	GCJAY1309201444	10.00	11.00	ug/L	110
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	7.85	ug/L	79
06/21/93	LCS931309	GCPEA1306201359	10.00	7.18	ug/L	72
08/10/93	LCS933131	GCPEA1308101540	10.00	9.32	ug/L	93
08/11/93	LCS933141	GCPEA1308101540	10.00	9.19	ug/L	92
08/11/93	LCS933146	GCPEA1308101540	10.00	8.95	ug/L	89

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8010 - Halogenated Volatile Organics Spiked Analyte : Trichlorofluoromethane continued

Type of Spike : Laboratory Control

08/16/93	LCS933413	GCPEA1308161047	10.00	9.19	ug/L	92
08/17/93	LCS933420	GCPEA1308161047	10.00	9.27	ug/L	93
10/04/93	LCS934882	GCPEA1310041056	10.00	9.41	ug/L	94
10/05/93	LCS934887	GCPEA1310041056	10.00	9.43	ug/L	94
10/05/93	LCS934889	GCPEA1310041056	10.00	10.10	ug/L	101
06/09/93	LCS93-850	GCQUE1306091614	10.00	6.23	ug/L	62
06/10/93	LCS93934	GCQUE1306091614	10.00	7.12	ug/L	71
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.60	ug/L	96
06/25/93	LCS931501	GCQUE1306241717	10.00	8.44	ug/L	84
06/28/93	LCS931554	GCQUE1306271713	10.00	7.71	ug/L	77
06/28/93	LCS931556	GCQUE1306271713	10.00	7.64	ug/L	76
09/22/93	LCS934526	GCQUE1309221453	10.00	9.32	ug/L	93
09/23/93	LCS934660	GCQUE1309221453	10.00	9.15	ug/L	92
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	8.25	ug/L	82
06/15/93	LCS931089	GCTEX1306141311	10.00	8.54	ug/L	85
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	9.56	ug/L	96
06/16/93	LCS931163	GCTEX1306152237	10.00	7.87	ug/L	79
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	9.35	ug/L	94
06/22/93	LCS931336	GCTEX1306211441	10.00	9.12	ug/L	91
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	8.79	ug/L	88
06/23/93	LCS931368	GCTEX1306222319	10.00	8.17	ug/L	82
08/24/93	LCS933634	GCTEX1308242018	10.00	8.87	ug/L	89
08/25/93	LCS933640	GCTEX1308242018	10.00	9.19	ug/L	92
09/22/93	LCS934519	GCTEX1309221032	10.00	9.93	ug/L	99
09/23/93	LCS934532	GCTEX1309221032	10.00	8.75	ug/L	88
09/23/93	LCS934663	GCTEX1309231506	10.00	10.60	ug/L	106
09/24/93	LCS934672	GCTEX1309231506	10.00	9.98	ug/L	100
10/06/93	LCS934895	GCTEX1310061111	10.00	9.69	ug/L	97
10/07/93	LCS934905	GCTEX1310061111	10.00	9.71	ug/L	97

Number of Samples Mean % Recovery

Standard Deviation

: 38

: 88.7 : 10.83 Below acceptance :

Above acceptance : Acceptance Criteria 21-156

0

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : Vinyl chloride

Type of Spike : Laboratory Control

06/20/93	LCSCAL931294	GCPEA1306201359	10.00	11.50	ug/L	115
06/21/93	LCS931309	GCPEA1306201359	10.00	10.90	ug/L	109
06/09/93	LCS93-850	GCQUE1306091614	10.00	8.84	ug/L	88
06/10/93	LCS93934	GCQUE1306091614	10.00	9.98	ug/L	100
06/24/93	LCSCAL931419	GCQUE1306241717	10.00 -	13.20	ug/L	132
06/25/93	LCS931501	GCQUE1306241717	10.00	12.60	ug/L	126

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8010	- Halogenated Volatil	e Organics					,
pe of Spike : Laborat							
06/28/93	LCS931554	GCQUE1306271713		10.00	11.80	ug/L	118
06/28/93	LCS931556	GCQUE1306271713		10.00	11.40	ug/L	114
06/14/93	LCSCAL931014	GCTEX1306141311		10.00	11.80	ug/L	118
06/15/93	LCS931089	GCTEX1306141311		10.00	13.90	ug/L	139
06/15/93	LCSCAL931094	GCTEX1306152237		10.00	13.80	ug/L	138
06/16/93	LCS931163	GCTEX1306152237		10.00	11.70	ug/L	117
06/21/93	LCSCAL931330	GCTEX1306211441		10.00	13.90	ug/L	139
06/22/93	LCS931336	GCTEX1306211441		10.00	13.30	ug/L	133
00/22/33		GCTEX1306222319		10.00	13.40	ug/L	134
06/22/93	LCSCAL931359	COLEXIONOFFERING					

Number of Samples : 16
Mean % Recovery : 121.2
Standard Deviation : 14.59

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria NS

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : cis-1,2-Dichloroethene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	10.60	ug/L	106
09/16/93	LCS934250	GCJAY1309150130	10.00	9.29	ug/L	93
08/10/93	LCS933131	GCPEA1308101540	10.00	10.50	ug/L	105
08/11/93	LCS933141	GCPEA1308101540	10.00	10.60	ug/L	106
08/11/93	LCS933146	GCPEA1308101540	10.00	10.40	ug/L	104
08/16/93	LCS933413	GCPEA1308161047	10.00	9.98	ug/L	100
08/17/93	LCS933420	GCPEA1308161047	10.00	9.91	ug/L	99
10/06/93	LCS934895	GCTEX1310061111	10.00	9.29	ug/L	93
10/07/93	LCS934905	GCTEX1310061111	10.00	9.26	ug/L	93

Number of Samples : 9
Mean % Recovery : 99.9
Standard Deviation : 5.71

Below acceptance : 0
Above acceptance : · 0
Acceptance Criteria

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : cis-1,3-Dichloropropene

Type of Spike : Laboratory Control

•						
09/15/93	LCS934242	GCJAY1309150130	10.00	8.93	ug/L	89
09/16/93	LCS934250	GCJAY1309150130	10.00	7.73	ug/L	77
09/20/93	LCS934491	GCJAY1309201444	10.00	8.83	ug/L	88
09/21/93	LCS934506	GCJAY1309201444	10.00	8.21	ug/L	82
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.40	ug/L	84
06/21/93	LCS931309	GCPEA1306201359	10.00	8.30	ug/L	83
08/10/93	LCS933131	GCPEA1308101540	10.00	8.98	ug/L	90
08/11/93	LCS933141	GCPEA1308101540	10.00	9.12	ug/L	91
08/11/93	LCS933146	GCPEA1308101540	10.00	9.19	ug/L	92
08/16/93	LCS933413	GCPEA1308161047	10.00	8.74	ug/L	87
08/17/93	LCS933420	GCPEA1308161047	10.00	8.49	ug/L	85
10/04/93	LCS934882	GCPEA1310041056	10.00	8.85	ug/L	89
10/05/93	LCS934887	GCPEA1310041056	10.00	8.96	ug/L	90
10/05/93	LCS934889	GCPEA1310041056	10.00	9.01	ug/L	90
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.29	ug/L	73
06/10/93	LCS93934	GCQUE1306091614	10.00	8.59	ug/L	86
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	8.95	ug/L	90
06/25/93	LCS931501	GCQUE1306241717	10.00	8.63	ug/L	86
06/28/93	LCS931554	GCQUE1306271713	10.00	7.71	ug/L	77
06/28/93	LCS931556	GCQUE1306271713	10.00	8.31	ug/L	83
09/22/93	LCS934526	GCQUE1309221453	10.00	8.34	ug/L	83
09/23/93	LCS934660	GCQUE1309221453	10.00	8.28	ug/L	83
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	9.98	ug/L	100
06/15/93	LCS931089	GCTEX1306141311	10.00	9.93	ug/L	99
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	10.20	ug/L	102
06/16/93	LCS931163	GCTEX1306152237	10.00	9.65	ug/L	96
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	10.70	ug/L	107
06/22/93	LCS931336	GCTEX1306211441	10.00	10.20	ug/L	102
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	9.76	ug/L	98
06/23/93	LCS931368	GCTEX1306222319	10.00	9.25	ug/L	92
08/24/93	LCS933634	GCTEX1308242018	10.00	8.92	ug/L	89
08/25/93	LCS933640	GCTEX1308242018	10.00	8.27	ug/L	83
09/22/93	LCS934519	GCTEX1309221032	10.00	9.76	ug/L	98
09/23/93	LCS934532	GCTEX1309221032	10.00	9.52	ug/L	95
09/23/93	LCS934663	GCTEX1309231506	10.00	9.17	-	92
09/24/93	LCS934672	GCTEX1309231506	10.00	9.73	•	97
10/06/93	LCS934895	GCTEX1310061111	10.00	9.43	ug/L	94
10/07/93	LCS934905	GCTEX1310061111	10.00	9.08	ug/L	91

Number of Samples

: 38

: 89.8

Below acceptance :

Above acceptance :

Mean % Recovery Standard Deviation

: 7.48

Acceptance Criteria 22-178

-								
A	NALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : trans-1,2-Dichloroethene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	10.50	ug/L	105
09/16/93	LCS934250	GCJAY1309150130	10.00	9.19	ug/L	92
09/20/93	LCS934491	GCJAY1309201444	10.00	10.40	ug/L	104
09/21/93	LCS934506	GCJAY1309201444	10.00	10.20	ug/L	102
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	9.12	ug/L	91
06/21/93	LCS931309	GCPEA1306201359	10.00	8.83	ug/L	88
08/10/93	LCS933131	GCPEA1308101540	10.00	11.20	ug/L	112
08/11/93	LCS933141	GCPEA1308101540	10.00 -	10.90	ug/L	109
08/11/93	LCS933146	GCPEA1308101540	10.00	10.70	ug/L	107
08/16/93	LCS933413	GCPEA1308161047	10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA1308161047	10.00	10.40	ug/L	104
10/04/93	LCS934882	GCPEA1310041056	10.00	11.60	ug/L	116
10/05/93	LCS934887	GCPEA1310041056	10.00	12.00	ug/L	120
10/05/93	LCS934889	GCPEA1310041056	10.00	11.40	ug/L	114
06/09/93	LCS93-850	GCQUE1306091614	10.00	7.72	ug/L	77
06/10/93	LCS93934	GCQUE1306091614	10.00	8.62	ug/L	86
06/24/93	LCSCAL931419	GCQUE1306241717	10.00	9.46	ug/L	95
06/25/93	LCS931501	GCQUE1306241717	10.00	8.98	ug/L	90
06/28/93	LCS931554	GCQUE1306271713	10.00	8.26	ug/L	83
06/28/93	LCS931556	GCQUE1306271713	10.00	8.10	ug/L	81
09/22/93	LCS934526	GCQUE1309221453	10.00	9.34	ug/L	93
09/23/93	LCS934660	GCQUE1309221453	10.00	9.12	ug/L	91
06/14/93	LCSCAL931014	GCTEX1306141311	10.00	10.90	ug/L	109
06/15/93	LCS931089	GCTEX1306141311	10.00	10.90	ug/L	109
06/15/93	LCSCAL931094	GCTEX1306152237	10.00	11.30	ug/L	113
06/16/93	LCS931163	GCTEX1306152237	10.00	10.70	ug/L	107
06/21/93	LCSCAL931330	GCTEX1306211441	10.00	11.60	ug/L	116
06/22/93	LCS931336	GCTEX1306211441	10.00	11.70	ug/L	117
06/22/93	LCSCAL931359	GCTEX1306222319	10.00	11.00	ug/L	110
06/23/93	LCS931368	GCTEX1306222319	10.00 .	10.10	ug/L	101
08/24/93	LCS933634	GCTEX1308242018	10.00	10.10	ug/L	101
08/25/93	LCS933640	GCTEX1308242018	10.00	9.05	ug/L	90
09/22/93	LCS934519	GCTEX1309221032	10.00	10.60	ug/L	106
09/23/93	LCS934532	GCTEX1309221032	10.00	10.20	ug/L	102
09/23/93	LCS934663	GCTEX1309231506	10.00	10.40	ug/L	104
09/24/93	LCS934672	GCTEX1309231506	10.00	10.70	ug/L	107
10/06/93	LCS934895	GCTEX1310061111	10.00	10.50	ug/L	105
10/07/93	LCS934905	GCTEX1310061111	10.00	10.20	ug/L	102

: 38 Number of Samples Mean % Recovery : 101.7 Standard Deviation : 10.77 Below acceptance : Above acceptance : 0 Acceptance Criteria 38-155

Date Compiled: 30 April 1994 ND = Not Detected

NC = Not Calculable

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE	•		ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8010 - Halogenated Volatile Organics Spiked Analyte : trans-1,2-Dichloroethene continued

Type of Spike : Matrix Spike

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY1309201444	ND	10.00	10.50	ug/L	105	
09/21/93	06-MW-07-01 MSD	GCJAY1309201444	ND	10.00	11.00	ug/L	110	
06/21/93	10-MW-01-03 MS	GCPEA1306201359	ND	10.00	9.16	ug/L	92	
06/21/93	10-MW-01-03 MSD	GCPEA1306201359	ND	10.00	9.44	ug/L	94	
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.10	ug/L	111	
10/04/93	08-SW-01-DS-01	GCPEA1310041056	ND	10.00	11.20	ug/L	112	
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	7.65	ug/L	76	
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	ND	10.00	9.04	ug/L	90	
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	ND	10.00	9.82	ug/L	98	
06/28/93	09-MW-06-03 MS	GCQUE1306271713	ND	10.00	9.29	ug/L	93	
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	ND	10.00	8.27	ug/L	83	
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	10.30	ug/L	103	
06/16/93	10-MW-01-03	GCTEX1306152237	ND	10.00	9.55	ug/L	95	
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00	10.60	ug/L	106	
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	ND	10.00 .	10.70	ug/L	107	
06/25/93	05-MW-01-03 MS	GCTEX1306250629	ND	10.00	10.40	ug/L	104	
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	ND	10.00	10.50	ug/L	105	
08/25/93	07-SW-03-01 MS	GCTEX1308242018	ND	10.00	9.03	ug/L	90	
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	ND	10.00	9.89	ug/L	99	
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	9.22	ug/L	92	
09/23/93	05-MW-14-01	GCTEX1309231506	ND	10.00	8.70	ug/L	87	
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.74	ug/L	87	
10/06/93	08-GP-01-01	GCTEX1310061111	ND	10.00	8.94	ug/L	- 89	

Number of Samples Mean % Recovery

Standard Deviation

: 96.9 : 9.69

Below acceptance : Above acceptance :

0 Acceptance Criteria 38-155

Method : SW8010 - Halogenated Volatile Organics

Spiked Analyte : trans-1,3-Dichloropropene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	10.00	8.66	ug/L	87
09/16/93	LCS934250	GCJAY1309150130	10.00	7.65	ug/L	77
09/20/93	LCS934491	GCJAY1309201444	10.00	8.54	ug/L	85
09/21/93	LCS934506	GCJAY1309201444	10.00	8.35	ug/L	83
06/20/93	LCSCAL931294	GCPEA1306201359	10.00	8.21	ug/L	82
06/21/93	LCS931309	GCPEA1306201359	10.00	8.12	ug/L	81
08/10/93	LCS933131	GCPEA1308101540	10.00	8.65	ug/L	87
08/11/93	LCS933141	GCPEA1308101540	10.00	8.52	ug/L	85
08/11/93	LCS933146	GCPEA1308101540	10.00	8.78	ug/L	88

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8010 - Halogenated Volatile Organics Spiked Analyte : trans-1,3-Dichloropropene continued

Type of Spike : Laboratory Control

08/16	/93	LCS933413	GCPEA1308161047	10.00	8.54	ug/L	85
08/17	/93	LCS933420	GCPEA1308161047	10.00	8.04	ug/L	80
10/04	/93	LCS934882	GCPEA1310041056	10.00	9.00	ug/L	90
10/05	/93	LCS934887	GCPEA1310041056	10.00	8.95	ug/L	89
10/05	/93	LCS934889	GCPEA1310041056	10.00	8.74	ug/L	87
06/09	/93	LCS93-850	GCQUE1306091614	10.00	7.72	ug/L	77
06/10	/93	LCS93934	GCQUE1306091614	10.00	8.90	ug/L	89
06/24	/93	LCSCAL931419	GCQUE1306241717	10.00	10.00	ug/L	100
06/25	/93	LCS931501	GCQUE1306241717	10.00	9.35	ug/L	93
06/28	/93	LCS931554	GCQUE1306271713	10.00	8.25	ug/L	82
06/28	/93	LCS931556	GCQUE1306271713	10.00	8.81	ug/L	88
09/22	/93	LCS934526	GCQUE1309221453	10.00	8.30	ug/L	83
09/23	/93	LCS934660	GCQUE1309221453	10.00	7.94	ug/L	79
06/14	/93	LCSCAL931014	GCTEX1306141311	10.00	11.30	ug/L	113
06/15	/93	LCS931089	GCTEX1306141311	10.00	10.90	ug/L	109
06/15	/93	LCSCAL931094	GCTEX1306152237	10.00	11.00	ug/L	110
06/16	/93	LCS931163	GCTEX1306152237	10.00	10.60	ug/L	106
06/21	/93	LCSCAL931330	GCTEX1306211441	10.00	11.70	ug/L	117
06/22	/93	LCS931336	GCTEX1306211441	10.00	11.00	ug/L	110
06/22	/93	LCSCAL931359	GCTEX1306222319	10.00	10.60	ug/L	106
06/23	/93	LCS931368	GCTEX1306222319	10.00	9.97	ug/L	100
08/24	•	LCS933634	GCTEX1308242018	10.00	9.26	ug/L	93
08/25	•	LCS933640	GCTEX1308242018	10.00	8.51	ug/L	85
09/22	=	LCS934519	GCTEX1309221032	10.00	10.30	ug/L	103
09/23		LCS934532	GCTEX1309221032	10.00	10.20	ug/L	102
09/23	/93	LCS934663	GCTEX1309231506	10.00	9.78	ug/L	98
09/24	/93	LCS934672	GCTEX1309231506	10.00	9.97	ug/L	100
10/06	•		GCTEX1310061111	10.00	9.48	ug/L	95
10/07	/93	LCS934905	GCTEX1310061111	10.00	9.26	ug/L	93

Number of Samples : 38
Mean % Recovery : 92.6
Standard Deviation : 10.92

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 22-178

Method: SW8010 - Halogenated Volatile Organics

Spiked Analyte : 1,4-Bromofluorobenzene

Type of Spike : Surrogate - Ambient Blank

09/23/93	AB-08	GCJAY1309231030	20.00	18.70	ug/L	93
09/24/93	AB-09	GCJAY1309231030	20.00	17.60	ug/L	88
06/24/93	BA-04	GCQUE1306231533	20.00	15.00	ug/L	75
06/25/93	BA-06	GCQUE1306241717	20.00	13.10	ug/L	66
06/25/93	BA-08	GCQUE1306241717	20.00	15.30	ug/L	76
06/25/93	BA-09	GCQUE1306241717	20.00	16.40	ug/L	82

DATE					ORIG.	AMOUNT	AMOUNT	RESUL	
ANALYZED	SAMPLE II	D		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
		-							
	/8010 - Halogenate		_	anics					
piked Analyte : 1,	4-Bromofluorobenze	ene con	itinued						
ype of Spike : Sur	rogate - Ambient I	Blank							
06/28/93	BA-05			GCQUE1306271713		20.00	14.60	ug/L	73
06/15/93	BA-01			GCTEX1306141311		20.00	15.10	ug/L	75
06/16/93	BA-02			GCTEX1306152237		20.00	19.60	ug/L	98
06/25/93	BA-07			GCTEX1306250629		20.00	17.10	ug/L	86
09/23/93	AB-07			GCTEX1309221032		20.00	17.60	ug/L	88
09/24/93	AB-10			GCTEX1309231506		20.00	14.90	ug/L	75
09/24/93	AB-11			GCTEX1309231506		20.00	14.10	ug/L	71
Number	of Samples	: :	13		Below acceptanc	e :	0		
	Recovery	:	80.5		Above acceptanc		0		
Standar	d Deviation	:	9.47		Acceptance Crit		9-142		
Type of Spike : Su	rrogate - Equipmer	nt Blan	k						
06/30/93	04-MW-01-	EB-03		GCQUE1306291223		20.00 .	13.70	ug/L	68
10/07/93	08-GP-01-	EB-01		GCTEX1310061111		20.00	14.00	ug/L	70
Number	of Samples	:	 2		Below acceptanc	 e :	0		
Mean %	Recovery	:	69.0		Above acceptanc		0		
Standar	d Deviation	:	1.41		Acceptance Crit	eria 5	9-142		
Type of Spike : Su	rrogate - Field Du	plicat	e						
09/21/93	06-MW-07-	DS-01		GCJAY1309201444	;	20.00	19.00	ug/L	95
10/04/93	08-SW-01-			GCPEA1310041056	:	20.00	21.20	ug/L	106
06/10/93	12-MW-02-			GCQUE1306091614	;	20.00	13.70	ug/L	68
06/25/93	02-GW-03-			GCQUE1306241717		20.00	15.60	ug/L	78
06/30/93	05-MW-03-			GCQUE1306291223		20.00	13.90	ug/L	69
06/22/93	07-MW-02-			GCTEX1306211441		20.00	18.50	ug/L	92
09/24/93	-05-MW-14	DS-01 		GCTEX1309231506		20.00 	15.60 	ug/L	78
	of Comples	:	7		Below acceptance	e :	0		
Number	•								
Mean %	Recovery		83.7		Above acceptance		0		
Mean %	•	:			Above acceptance Acceptance Crite		0 9-142		
Mean % Standard	Recovery	:	14.27		•				
Mean % I Standard Type of Spike : Sun	Recovery d Deviation rrogate - Laborato	: ry Cont	14.27	GCJAY1309150130	Acceptance Crite	eria 5	9-142	ua/l	108
Mean % Standard ype of Spike : Sun 09/15/93	Recovery d Deviation rrogate - Laborato LCS934242	: ry Cont	14.27	GCJAY1309150130 GCJAY1309150130	Acceptance Crite	eria 5 20.00	9-142	ug/L	108
Mean % Standard ype of Spike : Sun 09/15/93 09/15/93	Recovery d Deviation rrogate - Laborato LCS934242 LCS934245	: ry Cont	14.27	GCJAY1309150130	Acceptance Crite	eria 5	9-142 21.60 22.00	ug/L	110
Mean % Standard ype of Spike : Sun 09/15/93 09/15/93 09/16/93	Recovery d Deviation rrogate - Laborato LCS934242 LCS934245 LCS934250	: ry Cont	14.27	GCJAY1309150130 GCJAY1309150130	Acceptance Crite	eria 5	9-142 21.60 22.00 21.60	ug/L ug/L	110 108
Mean % Standard ype of Spike : Sun 09/15/93 09/15/93	Recovery d Deviation rrogate - Laborato LCS934242 LCS934245	: ry Cont	14.27	GCJAY1309150130	Acceptance Crite	eria 5	9-142 21.60 22.00	ug/L	110

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

 $\begin{tabular}{lll} Method : SW8010 - Halogenated Volatile Organics \\ Spiked Analyte : 1,4-Bromofluorobenzene continued \\ \end{tabular}$

Type of Spike : Surrogate - Laboratory Control

09/21/93	LCS934506	GCJAY1309201444	20.00	21.80	ug/L	109
09/21/93	LCS934507	GCJAY1309201444	20.00	20.20	ug/L	101
06/20/93	LCSCAL931294	GCPEA1306201359	20.00	15.40	ug/L	77
06/20/93	LCSEXT931297	GCPEA1306201359	20.00	11.10	ug/L	56
06/21/93	LCS931309	GCPEA1306201359	20.00	14.00	ug/L	70
06/21/93	LCSEXT931310	GCPEA1306201359	20.00	12.50	ug/L	62
08/10/93	LCS933130	GCPEA1308101540	20.00	15.70	ug/L	79
08/10/93	LCS933131	GCPEA1308101540	20.00	17.10	ug/L	86
08/11/93	LCS933141	GCPEA1308101540	20.00	17.00	ug/L	85
08/11/93	LCS933142	GCPEA1308101540	20.00	16.40	ug/L	82
08/11/93	LCS933146	GCPEA1308101540	20.00	16.70	ug/L	84
08/11/93	LCS933147	GCPEA1308101540	20.00	16.30	ug/L	82
08/16/93	LCS933413	GCPEA1308161047	20.00	17.40	ug/L	87
08/16/93	LCS933415	GCPEA1308161047	20.00	15.80	ug/L	79
08/17/93	LCS933420	GCPEA1308161047	20.00	16.40	ug/L	82
08/17/93	LCS933421	GCPEA1308161047	20.00	16.40	ug/L	82
10/04/93	LCS934882	GCPEA1310041056	20.00	22.30	ug/L	112
10/04/93	LCS934883	GCPEA1310041056	20.00	21.70	ug/L	109
10/05/93	LCS934887	GCPEA1310041056	20.00	21.00	ug/L	105
10/05/93	LCS934889	GCPEA1310041056	20.00	21.90	ug/L	109
10/05/93	LCS934890	GCPEA1310041056	20.00	22.20	ug/L	111
06/09/93	LCS93-850	GCQUE1306091614	20.00	23.70	ug/L	118
06/09/93	LCSEXT93923	GCQUE1306091614	20.00	20.00	ug/L	100
06/10/93	LCS93934	GCQUE1306091614	20.00	21.90	ug/L	109
06/10/93	LCSEXT93930	GCQUE1306091614	20.00	20.80	ug/L	104
06/24/93	LCSCAL931419	GCQUE1306241717	20.00	17.70	ug/L	88
06/24/93	LCSEXT931420	GCQUE1306241717	20.00	17.20	ug/L	86
06/25/93	LCS931501	GCQUE1306241717	20.00	19.00	ug/L	95
06/25/93	LCSEXT931502	GCQUE1306241717	20.00 •	15.80	ug/L	79
06/27/93	LCSEXT931540	GCQUE1306271713	20.00	-18.60	ug/L	93
06/28/93	LCS931554	GCQUE1306271713	20.00	18.50	ug/L	92
06/28/93	LCS931556	GCQUE1306271713	20.00	20.10	ug/L	100
06/28/93	LCSEXT931555	GCQUE1306271713	20.00	16.70	ug/L	84
09/22/93	LCS934526	GCQUE1309221453	20.00	18.30	ug/L	91
09/22/93	LCS934528	GCQUE1309221453	20.00	20.70	ug/L	103
09/23/93	LCS934660	GCQUE1309221453	20.00	17.60	ug/L	88
09/23/93	LCS934661	GCQUE1309221453	20.00	19.20	ug/L	96
06/14/93	LCSCAL931014	GCTEX1306141311	20.00	22.20	ug/L	111
06/14/93	LCSEXT931078	GCTEX1306141311	20.00	19.10	ug/L	96
06/15/93	LCS931089	GCTEX1306141311	20.00	21.60	ug/L	108
06/15/93	LCSEXT931091	GCTEX1306141311	20.00	20.00	ug/L	100
06/15/93	LCSCAL931094	GCTEX1306152237	20.00	18.80	ug/L	94
06/15/93	LCSEXTCAL931095	GCTEX1306152237	20.00	16.90	ug/L	84
06/16/93	LCS931163	GCTEX1306152237	20.00	20.40	ug/L	102
06/16/93	LCSEXT931164	GCTEX1306152237	20.00	17.60	ug/L	88
06/21/93	LCSCAL931330	GCTEX1306211441	20.00	19.60	ug/L	98

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	" % Recover
71171212				J; INLU			RECUTE:
Method : SW8010 -	Halogenated Volatile	Organics		•			
Spiked Analyte : 1,4-Bromo							
Type of Spike : Surrogate	- Laboratory Control						
06/21/93	LCSEXT931331	GCTEX1306211441		20.00	16.10	ug/L	80
06/22/93	LCS931336	GCTEX1306211441		20.00	19.60	ug/L	98
06/22/93	LCSEXT931337	GCTEX1306211441		20.00	17.30	ug/L	87
06/22/93	LCSCAL931359	GCTEX1306222319		20.00	20.50	u g/L	103
06/23/93	LCS931368	GCTEX1306222319		20.00	19.80	ug/L	99
06/23/93	LCSEXT931360	GCTEX1306222319		20.00	19.00	ug/L	95
06/24/93	LCSEXT931370	GCTEX1306222319		20.00	18.50	ug/L	92
08/24/93	LCS933634	GCTEX1308242018		20.00	15.60	ug/L	78
08/24/93	LCS933635	GCTEX1308242018		20.00	13.30	ug/L	66
08/25/93	LCS933639	GCTEX1308242018		20.00	15.80	ug/L	79
08/25/93	LCS933640	GCTEX1308242018		20.00	16.00	ug/L	80
09/22/93	LCS934519	GCTEX1309221032		20.00	17.10	ug/L	85
09/22/93	LCS934522	GCTEX1309221032		20.00	15.60	ug/L	78
09/23/93	LCS934532	GCTEX1309221032		20.00	19.20	ug/L	96
09/23/93	LCS934533	GCTEX1309221032		20.00	15.20	ug/L	76
09/23/93	LCS934663	GCTEX1309231506		20.00	17.00	ug/L	85
09/23/93	LCS934664	GCTEX1309231506		20.00 -	14.00	ug/L	70
09/24/93	LCS934672	GCTEX1309231506		20.00	- 17.10	ug/L	86
09/24/93	LCS934673	GCTEX1309231506		20.00	14.20	ug/L	71
10/06/93	LCS934895	GCTEX1310061111		20.00	17.20	ug/L	86
10/06/93	LCS934897	GCTEX1310061111		20.00	15.10	ug/L	75
10/07/93	LCS934905	GCTEX1310061111		20.00	15.70	ug/L	79
10/07/93	LCS934906	GCTEX1310061111		20.00	13.10	ug/L	66
Number of Samp	les : 75	******	Below acceptan	 ce :	1		
Mean % Recovery	y : 90	.5	Above acceptan		0		
Standard Devia	tion : 13	. 47	Acceptance Cri	teria 5	9-142	•	
Type of Spike : Surrogate	- Matrix Spike						
09/21/93	06-MW-07-01 MS	GCJAY1309201444		20.00	20.20	ug/L	101
09/21/93	06-MW-07-01 MSD	GCJAY1309201444		20.00	22.10	ug/L	111
06/21/93	10-MW-01-03 MS	GCPEA1306201359		20.00	13.00	ug/L	65
06/21/93	10-MW-01-03 MSD	GCPEA1306201359		20.00	12.80	ug/L	64
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	21.80	ug/L	109
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	20.30	ug/L	101
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614		20.00	21.50	ug/L	107
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614		20.00	25.30	ug/L	126
06/25/93	02-GW-03-03 MSD	GCQUE1306241717		20.00	18.40	ug/L	92
06/28/93	09-MW-06-03 MS	GCQUE1306271713		20.00	15.70	ug/L	79
06/28/93	09-MW-06-03 MSD	GCQUE1306271713		20.00	15.70	ug/L ug/L	73 77
06/16/93	10-MW-01-03	GCTEX1306152237		20.00		-	100
06/16/93	10-MW-01-03	GCTEX1306152237			20.10	ug/L	
06/22/93				20.00	22.60	ug/L	113
06/22/93 06/22/93	07-MW-02-DS-03 M	GCTEX1306211441		20.00	19.20	ug/L	96

06/22/93

GCTEX1306211441

19.50

20.00

07-MW-02-DS-03 M

ug/L 98

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8010 - Halogenated Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene continued

Type of Spike : Surrogate - Matrix Spike

06/25/93	05-MW-01-03 MS	GCTEX1306250629	20.00	20.60	ug/L	103
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	20.00	18.70	ug/L	94
08/25/93	07-SW-03-01 MS	GCTEX1308242018	20.00	14.70	ug/L	74
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	20.00	14.00	ug/L	70
09/23/93	05-MW-14-01	GCTEX1309231506	20.00 -	15.40	ug/L	77
09/23/93	05-MW-14-01	GCTEX1309231506	20.00	16.50	ug/L	83
10/06/93	08-GP-01-01	GCTEX1310061111	20.00	14.90	ug/L	75
10/06/93	08-GP-01-01	GCTEX1310061111	20.00	14.70	ug/L	74

Number of Samples : 23 Below acceptance : 0 Mean % Recovery : 90.8 Above acceptance : 0 Standard Deviation : 17.16 Acceptance Criteria 59-142

Type of Spike : Surrogate - Method Blank

08/11/93	BLK931834	GCJAY1308111427	20.00	19.30	ug/L	96
09/15/93	BLK932371	GCJAY1309150130	20.00	17.90	ug/L	90
09/20/93	BLK932379	GCJAY1309201444	20.00	18.20	ug/L	91
09/23/93	BLK932687	GCJAY1309231030	20.00	17.60	ug/L	88
06/20/93	BLK93554	GCPEA1306201359	20.00	11.50	ug/L	58
08/10/93	BLK931831	GCPEA1308101540	20.00	15.40	ug/L	77
08/16/93	BLK931977	GCPEA1308161047	20.00	14.90	ug/L	75
10/04/93	BLK932891	GCPEA1310041056	20.00	20.20	ug/L	101
06/09/93	BLK93460	GCQUE1306091614	20.00	18.50	ug/L	92
06/23/93	BLK93701	GCQUE1306231533	20.00	15.10	ug/L	76
06/25/93	BLK93732	GCQUE1306241717	20.00	15.60	ug/L	78
06/27/93	BLK93828	GCQUE1306271713	20.00	13.80	ug/L	69
09/22/93	BLK932686	GCQUE1309221453	20.00	19.80	ug/L	99
06/14/93	BLK93515	GCTEX1306141311	20.00	18.50	ug/L	93
06/16/93	BLK93548	GCTEX1306152237	20.00	17.70	ug/L	88
06/21/93	BLK93697	GCTEX1306211441	20.00	18.10	ug/L	90
06/23/93	BLK93700	GCTEX1306222319	20.00	16.20	ug/L	81
06/25/93	BLK93731	GCTEX1306250629	20.00	18.90	ug/L	94
08/25/93	BLK932000	GCTEX1308242018	20.00	13.10	ug/L	66
09/22/93	BLK932683	GCTEX1309221032	20.00	16.30	ug/L	82
09/23/93	BLK932690	GCTEX1309231506	20.00	15.70	ug/L	78
10/06/93	BLK932895	GCTEX1310061111	20.00	15.40	ug/L	77

Number of Samples : 22 Below acceptance : 1
Mean % Recovery : 83.6 Above acceptance : 0
Standard Deviation : 11.14 Acceptance Criteria 59-142

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ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

 $\begin{tabular}{ll} \mbox{Method} : \mbox{SW8010 - Halogenated Volatile Organics} \\ \mbox{Spiked Analyte} : \mbox{1.4-Bromofluorobenzene continued} \\ \end{tabular}$

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

09/15/93	10-MW-04-01	GCJAY1309150130	20.00	17.80	ug/L	89
09/21/93	05-MW-13-01	GCJAY1309201444	20.00	19.80	ug/L	99
09/21/93	06-MW-07-01	GCJAY1309201444	20.00	18.50	ug/L	92
09/23/93	05-MW-15-01	GCJAY1309231030	20.00	18.20	ug/L	91
06/21/93	10-MW-01-03	GCPEA1306201359	20.00	11.90	ug/L	60
06/21/93	10-MW-02-03	GCPEA1306201359	20.00	12.20	ug/L	61
08/11/93	07-MW-04-03	GCPEA1308101540	20.00	15.00	ug/L	75
08/16/93	07-MW-01-03	GCPEA1308161047	20.00	15.50	ug/L	78
08/16/93	07-MW-03-03	GCPEA1308161047	20.00	14.70	ug/L	74
10/04/93	08-SW-01-01	GCPEA1310041056	20.00	21.00	ug/L	105
10/04/93	08-SW-02-01	GCPEA1310041056	20.00	20.20	ug/L	101
10/04/93	08-SW-03-01	GCPEA1310041056	20.00 .		ug/L	106
10/05/93	22-GP-01-01	GCPEA1310041056	20.00	20.60	ug/L	103
10/05/93	22-GP-02-01	GCPEA1310041056	20.00	20.40	ug/L	102
10/05/93	22-GP-03-01	GCPEA1310041056	20.00	21.00	ug/L	105
06/09/93	12-MW-01-03	GCQUE1306091614	20.00	16.50	ug/L	83
06/10/93	04-MW-02-03	GCQUE1306091614	20.00	15.90	ug/L	80
06/10/93	04-MW-03-03	GCQUE1306091614	20.00	14.70	ug/L	74
06/10/93	10-MW-03-03	GCQUE1306091614	20.00	18.30	ug/L	92
06/10/93	12-MW-02-03	GCQUE1306091614	20.00	21.40	ug/L	107
06/24/93	01-MW-01-03	GCQUE1306231533	20.00	13.60	ug/L	68
06/24/93	01-MW-02-03	GCQUE1306231533	20.00	13.90	ug/L	70
06/24/93	09-MW-01-03	GCQUE1306231533	20.00	14.30	ug/L	72
06/24/93	09-MW-02-03	GCQUE1306231533	20.00	14.10	ug/L	70
06/25/93	02-GW-03-03	GCQUE1306241717	20.00	15.50	ug/L	78
06/25/93	06-MW-01-03	GCQUE1306241717	2000.00	1360.00	ug/L	68
06/25/93	06-MW-02-03	GCQUE1306241717	20.00	14.70	ug/L	73
06/25/93	06-MW-04-03	GCQUE1306241717	20.00	12.60	ug/L	63
06/28/93	09-MW-03-03	GCQUE1306271713	20.00	13.30	ug/L	66
06/28/93	09-MW-04-03	GCQUE1306271713	20.00	12.70	ug/L	64
06/28/93	09 -MW -05-03	GCQUE1306271713	20.00	14.50	ug/L	72
06/28/93	09-MW-06-03	GCQUE1306271713	20.00	14.10	ug/L	71
06/30/93	05-MW-03-03	GCQUE1306291223	20.00	13.50	ug/L	67
06/30/93	05-MW-05-03	GCQUE1306291223	20.00	13.10	ug/L	65
09/23/93	01-MW-07-01	GCQUE1309221453	20.00	17.50	ug/L	87
09/23/93	01-MW-08-01	GCQUE1309221453	20.00	17.90	ug/L	89
06/22/93	06-MW-03-03	GCTEX1306211441	20.00	17.70	ug/L	88
06/22/93	07-MW-02-03	GCTEX1306211441	20.00	18.40	ug/L	92
06/25/93	05-MW-01-03	GCTEX1306250629	20.00	16.50	ug/L	83
06/25/93	05-MW-02-03	GCTEX1306250629	20.00	18.70	ug/L	94
06/25/93	05-MW-04-03	GCTEX1306250629	20.00	17.90	ug/L	90
06/25/93	05-MW-06-03	GCTEX1306250629	20.00	18.60	ug/L	93
08/25/93	07-SW-03-01	GCTEX1308242018	20.00	15.80	ug/L	79

DATE	CAMPLE ID	DATOU ID	ORIG.	AMOUNT	AMOUNT	RESULT	
ANALYZED 	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Method : SW8010	- Halogenated Vola	tile Organics					
niked Analyte : 1,4-Bro	omofluorobenzene co	ntinued					
pe of Spike : Surrogat	te - Normal Sample						
08/25/93	07-SW-04-01	GCTEX1308242018		20.00	15.30	ug/L	76
08/25/93	07-SW-05-01	GCTEX1308242018		20.00	16.50	ug/L	82
08/25/93	07-SW-06-01	GCTEX1308242018		20.00	14.60	ug/L	73
08/25/93	07-SW-07-01	GCTEX1308242018		20.00	14.50	ug/L	72
09/23/93	09-MW-15-01	GCTEX1309221032		20.00	15.80	ug/L	79
09/23/93	05-MW-14-01	GCTEX1309231506		20.00	13.60	ug/L	68
10/06/93	08-GP-01-01	GCTEX1310061111		20.00	14.60	ug/L	73
10/07/93	08-GP-02-01	GCTEX1310061111		20.00	14.00	ug/L	70
10/07/93	08-GP-03-01	GCTEX1310061111		20.00	13.20	ug/L	66
Number of Sa	amples :	52	Below accepta	nce :	0		
Mean % Recov	very :	80.7	Above accepta	nce :	0		
Standard Dev	viation :	13.38	Acceptance Cr	iteria 5	59-142		
Type of Spike : Surroga		00 1474 0001 501 00		00.00	17.00	/1	0.0
09/15/93	TB-07-02	GCJAY1309150130		20.00	17.20	ug/L	86
09/21/93	TB-08-02	GCJAY1309201444		20.00	18.40	ug/L	92
09/24/93	TB-10-02	GCJAY1309231030		20.00	16.90	ug/L	84
08/11/93	BT-11	GCPEA1308101540		20.00	16.10	ug/L	81 72
08/17/93	BT-12	GCPEA1308161047		20.00	14.30	ug/L	
10/05/93	TB-14-02	GCPEA1310041056	÷	20.00	21.80	ug/L	109 86
06/09/93	BT-01	GCQUE1306091614		20.00	17.20	ug/L	
06/10/93	BT-02	GCQUE1306091614		20.00	16.20	ug/L	81 79
06/24/93	BT-06	GCQUE1306231533		20.00	15.90	ug/L	80
06/25/93	BT-08	GCQUE1306241717		20.00	15.90	ug/L	70
06/25/93	BT-10	GCQUE1306241717		20.00	14.00		
06/28/93	BT-07	GCQUE1306271713		20.00	11.80 16.20	ug/L	59
06/14/93	BT-03	GCTEX1306141311		20.00		ug/L	81 an
06/16/93	BT-04	GCTEX1306152237		20.00	17.90	ug/L	90
06/25/93	BT-09	GCTEX1306250629		20.00	16.80	ug/L	84 77
08/25/93	TB-06-02	GCTEX1308242018		20.00	15.30	ug/L	77 80
09/23/93	TB-09-02	GCTEX1309221032		20.00	16.00	ug/L	80 76
09/24/93 	TB-11-02	GCTEX1309231506		20.00	15.20	ug/L 	76
Number of Sa	amples :	18	Below accepta	nce :	0		

Number of Samples : 18 Below acceptance : 0
Mean % Recovery : 81.5 Above acceptance : 0
Standard Deviation : 10.24 Acceptance Criteria 59-142

DATE	•			ORIG. AM	10UNT	AMOUNT	RESUL	Г %
ANALYZED	SAMPLE ID	B.	ATCH ID	RESULT SP	IKED	RECOVERED	UNIT	RECOVER
Method : SW8010 Tiked Analyte : Bromod) - Halogenated Vola chloromethane	tile Organi	ics					
Type of Spike : Surro	gate - Amhient Blank							
Special special	,acc minimum prami	•						
09/23/93	AB-08	GC	CJAY1309231030	20.	00	17.40	ug/L	87
09/24/93	AB-09	GC	CJAY1309231030	20.	00	17.50	ug/L	87
06/24/93	BA-04	GC	CQUE1306231533	20.	00	13.90	ug/L	70
06/25/93	BA-06	GC	CQUE1306241717	20.	00	15.40	ug/L	77
06/25/93	BA-08	GC	CQUE1306241717	20.	00	16.80	ug/L	84
06/25/93	BA-09	GC	QUE1306241717	20.	00	16.50	ug/L	83
06/28/93	BA-05	GC	QUE1306271713	20.	00	15.30	ug/L	76
06/15/93	BA-01	GC	TEX1306141311	20.	00	16.70	ug/L	84
06/16/93	BA-02	GC	CTEX1306152237	20.	00	19.20	ug/L	96
06/25/93	BA-07	GC	TEX1306250629	20.	00	18.00	ug/L	90
09/23/93	AB-07	GC	TEX1309221032	20.	00	22.20	ug/L	111
09/24/93	AB-10	GC	TEX1309231506	20.	00	16.70	ug/L	84
09/24/93	AB-11		CTEX1309231506	20.0		16.50	ug/L	82
Number of S	amples :	13		Below acceptance :)		
Mean % Reco	very :	85.5		Above acceptance :	٠ ()		
Standard De	viation :	10.05		Above acceptance : Acceptance Criteria))-150		į
Standard De	viation :	10.05 nk GC	QUE1306291223 TEX1310061111	•	a 50		ug/L ug/L	77 76
Standard De ype of Spike : Surrog 06/30/93 10/07/93	oviation : ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01	10.05 nk GC GC		Acceptance Criteria 20.0 20.0	00 00	15.50 15.10	-	
Standard De ype of Spike : Surrog 06/30/93 10/07/93	ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01 amples :	10.05 nk GC GC		Acceptance Criteria 20.0 20.0 Below acceptance :	00 00 00	15.50 15.10	-	
Standard De ype of Spike : Surrog 06/30/93 10/07/93	ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01 amples :	10.05 nk GC GC 2 76.5		Acceptance Criteria 20.0 20.0	00 00 00 00	15.50 15.10	-	
Standard De ype of Spike : Surrog 06/30/93 10/07/93Number of S Mean % Reco	ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01 amples : very : viation :	10.05 nk GC GC 2 76.5 .71		Acceptance Criteria 20.0 20.0 Below acceptance : Above acceptance :	00 00 00 00	15.50 15.10	-	
Standard De ype of Spike : Surrog 06/30/93 10/07/93Number of S Mean % Reco Standard De	ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01 amples : very : viation :	10.05 nk GC GC 76.5 .71		Acceptance Criteria 20.0 20.0 Below acceptance : Above acceptance : Acceptance Criteria	00 00 00 00 00 00 00	15.50 15.10 	ug/L	76
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De	ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01 amples : very : viation :	10.05 nk GC GC 76.5 .71	TEX1310061111	Acceptance Criteria 20.0 20.0 Below acceptance : Above acceptance : Acceptance Criteria	00 00 00 00 00 00 00	15.50 15.10 	ug/L ug/L	76
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 09/21/93	ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01 amples : very : viation : ate - Field Duplica	10.05 nk GC GC 76.5 .71	TEX1310061111 	20.0 20.0 Below acceptance: Above acceptance: Acceptance Criteria	00 00 00 00 00 00	15.50 15.10 15.10 1-150	ug/L ug/L ug/L	95 108
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 09/21/93 10/04/93	ate - Equipment Bla 04-MW-01-EB-03 08-GP-01-EB-01 amples : very : viation : ate - Field Duplica 06-MW-07-DS-01 08-SW-01-DS-01	10.05 nk GC GC 76.5 .71 ce GCG GCG	JAY1309201444 PEA1310041056 QUE1306091614	20.0 20.0 Below acceptance: Above acceptance: Acceptance Criteria	00 00 00 00 00 00 00	15.50 15.10 15.10 15.10 19.10 21.60 14.00	ug/L ug/L ug/L ug/L	76 95 108 70
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 09/21/93 10/04/93 06/10/93	### Autor ### Au	10.05 nk GC GC 76.5 .71 ce GCG GCG GCG	JAY1309201444 PEA1310041056 QUE1306091614 QUE1306241717	20.0 20.0 Below acceptance: Above acceptance: Acceptance Criteria	00 00 00 00 00 00 00 00 00	15.50 15.10 15.10 19.10 21.60 14.00 16.90	ug/L ug/L ug/L ug/L ug/L	95 108 70 84
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 09/21/93 10/04/93 06/10/93 06/25/93 06/30/93	### Autor 1.00	10.05 nk GC GC 76.5 .71 Se GC GC GC GC GC GC GC	JAY1309201444 PEA1310041056 QUE1306091614 QUE1306241717 QUE1306291223	20.0 20.0 Below acceptance: Above acceptance: Acceptance Criteria	00 00 00 00 00 00 00 00 00	15.50 15.10 15.10 15.10 19.10 21.60 14.00 16.90 16.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	95 108 70 84 82
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 09/21/93 10/04/93 06/10/93 06/25/93	### Auto Control Contr	10.05 nk GC GC 76.5 .71 Se GC GCC GCC GCC GCC GCC	JAY1309201444 PEA1310041056 QUE1306091614 QUE1306241717	20.0 20.0 Below acceptance: Above acceptance: Acceptance Criteria 20.0 20.0 20.0 20.0 20.0 20.0	00 00 00 00 00 00 00 00 00	15.50 15.10 15.10 19.10 21.60 14.00 16.90	ug/L ug/L ug/L ug/L ug/L	95 108 70 84
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 09/21/93 10/04/93 06/10/93 06/25/93 06/30/93 06/22/93	### Auto Control Contr	10.05 nk GC GC 76.5 .71 Se GC GCC GCC GCC GCC GCC	JAY1309201444 PEA1310041056 QUE1306291614 QUE1306291223 TEX1306211441	20.0 20.0 Below acceptance: Above acceptance: Acceptance Criteria 20.0 20.0 20.0 20.0 20.0 20.0 20.0	00 00 00 00 00 00 00 00 00 00	15.50 15.10 15.10 19.10 21.60 14.00 16.90 16.40 18.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	95 108 70 84 82 94
Standard De ype of Spike : Surrog 06/30/93 10/07/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 09/21/93 10/04/93 06/10/93 06/25/93 06/30/93 06/22/93 09/24/93	### ate - Equipment Bla ### 04-MW-01-EB-03 ### 08-GP-01-EB-01 ### 08-GP-01-EB-01 ### 08-GP-01-EB-01 ### 08-GP-01-EB-01 ### 08-GP-01-EB-01 ### 08-MW-07-DS-01 ### 08-SW-01-DS-01 ### 08-SW-01-DS-03 ### 08-GW-03-DS-03 ### 08-G	10.05 nk GC GC 76.5 .71 Se GC	JAY1309201444 PEA1310041056 QUE1306291614 QUE1306291223 TEX1306211441	20.0 20.0 Below acceptance: Above acceptance: Acceptance Criteria 20.0 20.0 20.0 20.0 20.0 20.0	00 00 00 00 00 00 00 00 00 00	15.50 15.10 15.10 15.10 19.10 21.60 14.00 16.90 16.40 18.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	95 108 70 84 82 94

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Bromochloromethane continued

Type of Spike : Surrogate - Laboratory Control

Type of Spike : Surrogate - Laboratory Control

09/15/93	LCS934242	GCJAY1309150130	20.00	19.30	ug/L	96
09/15/93	LCS934245	GCJAY1309150130	20.00 .	19.40	ug/L	97
09/16/93	LCS934250	GCJAY1309150130	20.00	19.40	ug/L	97
09/16/93	LCS934251	GCJAY1309150130	20.00	18.80	ug/L	94
09/20/93	LCS934491	GCJAY1309201444	20.00	18.40	ug/L	92
09/20/93	LCS934496	GCJAY1309201444	20.00	15.40	ug/L	77
09/21/93	LCS934506	GCJAY1309201444	20.00	18.90	ug/L	94
09/21/93	LCS934507	GCJAY1309201444	20.00	18.40	ug/L	92
06/20/93	LCSCAL931294	GCPEA1306201359	20.00	16.30	ug/L	82
06/20/93	LCSEXT931297	GCPEA1306201359	20.00	13.50	ug/L	68
06/21/93	LCS931309	GCPEA1306201359	20.00	15.30	ug/L	76
06/21/93	LCSEXT931310	GCPEA1306201359	20.00	15.70	ug/L	78
08/10/93	LCS933130	GCPEA1308101540	20.00	17.80	ug/L	89
08/10/93	LCS933131	GCPEA1308101540	20.00	17.50	ug/L	87
08/11/93	LCS933141	GCPEA1308101540	20.00	17.10	ug/L	86
08/11/93	LCS933142	GCPEA1308101540	20.00	17.90	ug/L	9.0
08/11/93	LCS933146	GCPEA1308101540	20.00	16.70	ug/L	84
08/11/93	LCS933147	GCPEA1308101540	20.00	17.80	ug/L	89
08/16/93	LCS933413	GCPEA1308161047	20.00	17.90	ug/L	90
08/16/93	LCS933415	GCPEA1308161047	20.00	17.40	ug/L	87
08/17/93	·LCS933420	GCPEA1308161047	20.00	16.70	ug/L	84
08/17/93	LCS933421	GCPEA1308161047	20.00	18.10	ug/L	91
10/04/93	LCS934882	GCPEA1310041056	20.00	21.30	ug/L	107
10/04/93	LCS934883	GCPEA1310041056	20.00 .	21.80	ug/L	109
10/05/93	LCS934887	GCPEA1310041056	20.00	19.90	ug/L	99
10/05/93	LCS934889	GCPEA1310041056	20.00	20.80	ug/L	104
10/05/93	LCS934890	GCPEA1310041056	20.00	21.80	ug/L	109
06/09/93	LCS93-850	GCQUE1306091614	20.00	19.60	ug/L	98
06/09/93	LCSEXT93923	GCQUE1306091614	20.00	17.90	ug/L	90
06/10/93	LCS93934	GCQUE1306091614	20.00	18.10	ug/L	91
06/10/93	LCSEXT93930	GCQUE1306091614	20.00	18.60	ug/L	93
06/24/93	LCSCAL931419	GCQUE1306241717	20.00	16.60	ug/L	83
06/24/93	LCSEXT931420	GCQUE1306241717	20.00	17.20	ug/L	86
06/25/93	LCS931501	GCQUE1306241717	20.00	16.00	ug/L	80
06/25/93	LCSEXT931502	GCQUE1306241717	20.00	14.20	ug/L	71
06/27/93	LCSEXT931540	GCQUE1306271713	20.00	14.60	ug/L	73
06/28/93	LCS931554	GCQUE1306271713	20.00	15.00	ug/L	75
06/28/93	LCS931556	GCQUE1306271713	20.00	15.90	ug/L	80
06/28/93	LCSEXT931555	GCQUE1306271713	20.00	16.40	ug/L	82
09/22/93	LCS934526	GCQUE1309221453	20.00	17.70	ug/L	88
09/22/93	LCS934528	GCQUE1309221453	20.00	19.00	ug/L	95
09/23/93	LCS934660	GCQUE1309221453	20.00	18.80	ug/L	94
09/23/93	LCS934661	GCQUE1309221453	20.00	17.70	ug/L	88

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKFĎ	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8010 piked Analyte : Bromod) - Halogenated Volati chloromethane continue						
ype of Spike : Surroga	ate – Laboratory Contr	rol					
06/14/93	LCSCAL931014	GCTEX1306141311		20.00	21.30	ug/L	107
06/14/93	LCSEXT931078	GCTEX1306141311		20.00	20.70	ug/L	104
06/15/93	LCS931089	GCTEX1306141311		20.00	20.10	ug/L	100
06/15/93	LCSEXT931091	GCTEX1306141311		20.00	21.20	ug/L	106
06/15/93	LCSCAL931094	GCTEX1306152237		20.00	17.20	ug/L	86
06/15/93	LCSEXTCAL931095	GCTEX1306152237		20.00	17.80	ug/L	89
06/16/93	LCS931163	GCTEX1306152237		20.00	18.60	ug/L	93
06/16/93	LCSEXT931164	GCTEX1306152237		20.00	18.80	ug/L	94
06/21/93	LCSCAL931330	GCTEX1306211441		20.00	19.00	ug/L	95
06/21/93	LCSEXT931331	GCTEX1306211441		20.00	20.10	ug/L	101
06/22/93	LCS931336	GCTEX1306211441		20.00	17.50	ug/L	88
06/22/93	LCSEXT931337	GCTEX1306211441		20.00	18.70	ug/L	93
06/22/93	LCSCAL931359	GCTEX1306222319		20.00	18.40	ug/L	92
06/23/93	LCS931368	GCTEX1306222319		20.00	18.20	ug/L	91
06/23/93	LCSEXT931360	GCTEX1306222319		20.00 ·	19.90	ug/L	100
06/24/93	LCSEXT931370	GCTEX1306222319		20.00	18.70	ug/L	93
08/24/93	LCS933634	GCTEX1308242018		20.00	17.10	ug/L	86
08/24/93	LCS933635	GCTEX1308242018		20.00	16.60	ug/L	83
08/25/93	LCS933639	GCTEX1308242018		20.00	19.30	ug/L	96
08/25/93	LCS933640	GCTEX1308242018		20.00	16.80	ug/L	84
09/22/93	LCS934519	GCTEX1309221032		20.00	16.70	ug/L	84
09/22/93	LCS934522	GCTEX1309221032		20.00	18.60	ug/L	93
09/23/93	LCS934532	GCTEX1309221032		20.00	20.00	ug/L	100
09/23/93	LCS934533	GCTEX1309221032		20.00	18.50	ug/L	92
09/23/93	LCS934663	GCTEX1309231506		20.00	17.20	ug/L	86
09/23/93	LCS934664	GCTEX1309231506		20.00	16.50	ug/L	82
09/24/93	LCS934672	GCTEX1309231506		20.00	16.60	ug/L	83
09/24/93	LCS934673	GCTEX1309231506		20.00	16.50	ug/L	82
10/06/93	LCS934895	GCTEX1310061111		20.00	16.40	ug/L	82
10/06/93	LCS934897	GCTEX1310061111		20.00	17.80	ug/L	89
10/07/93	LCS934905	GCTEX1310061111		20.00	15.60	ug/L	78
10/07/93 	LCS934906 	GCTEX1310061111		20.00	16.20	ug/L	81
Number of Sa	·		Below acceptanc	e: ()		
Mean % Recov	_	89.7	Above acceptanc)		
Standard Dev	viation :	8.91	Acceptance Crit	eria 50	0-150		
/pe of Spike : Surroga	te - Matrix Spike			•			
09/21/93	06-MW-07-01 MS	CC 14V1 200001 4		00.55			
		GCJAY1309201444		20.00	18.30		92
09/21/93	06-MW-07-01 MSD	GCJAY1309201444		20.00	19.40		97
06/21/93	10-MW-01-03 MS	GCPEA1306201359		20.00	16.50		83
06/21/93	10-MW-01-03 MSD	GCPEA1306201359		20.00	16.70		83
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	20.80	ug/L	104
10/04/93	08-SW-01-DS-01	GCPEA1310041056		20.00	19.70	ug/L 9	98

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	BATCH ID		OUNT IKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8010	- Halogenated Volatile	Organics					
	hloromethane continued						
/pe of Spike : Surroga	te – Matrix Spike						
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	20.	00	18.60	ug/L	93
06/10/93	12-MW-02-DS-03 M	GCQUE1306091614	20.	00	22.20	ug/L	111
06/25/93	02-GW-03-03 MSD	GCQUE1306241717	20.	00 -	17.90	ug/L	89
06/28/93	09-MW-06-03 MS	GCQUE1306271713	20.	00	15.00	ug/L	75
06/28/93	09-MW-06-03 MSD	GCQUE1306271713	20.	00	14.30	ug/L	72
06/16/93	10-MW-01-03	GCTEX1306152237	20.	00	23.40	ug/L	117
06/16/93	10-MW-01-03	GCTEX1306152237	20.	00	20.70	ug/L	104
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	20.	00	20.00	ug/L	100
06/22/93	07-MW-02-DS-03 M	GCTEX1306211441	20.	00	19.50	ug/L	97
06/25/93	05-MW-01-03 MS	GCTEX1306250629	20.	00	21.20	ug/L	106
06/25/93	05-MW-01-03 MSD	GCTEX1306250629	20.	00	20.00	ug/L	100
08/25/93	07-SW-03-01 MS	GCTEX1308242018	20.	00	17.80	ug/L	89
08/25/93	07-SW-03-01 MSD	GCTEX1308242018	20.	00	18.20	ug/L	91
09/23/93	05-MW-14-01	GCTEX1309231506	20.	00	20.30	ug/L	101 .
09/23/93	05-MW-14-01	GCTEX1309231506	20.	00	19.00	ug/L	95
10/06/93	08-GP-01-01	GCTEX1310061111	20.	00	18.30	ug/L	91
10/06/93	08-GP-01-01	GCTEX1310061111	20.	00	18.70	ug/L	93
Number of S	amples : 23		Below acceptance :	()		
Mean % Reco	very : 94	.8	Above acceptance :	()		
Standard De	viation : 10	.58	Acceptance Criteri	a 50	0-150		
	ata Mathad Dlank						
ype of Spike : Surrog	ate - Method Blank			•			
08/11/93	ate - Method Blank BLK931834	GCJAY1308111427	20.	- 00	20.60	ug/L	103
-		GCJAY1308111427 GCJAY1309150130	20. 20.		20.60 18.20	ug/L ug/L	103 91
08/11/93	BLK931834			00	18.20 18.90	ug/L ug/L	91 94
08/11/93 09/15/93	BLK931834 BLK932371	GCJAY1309150130	20.	00 00	18.20 18.90 18.00	ug/L ug/L ug/L	91 94 90
08/11/93 09/15/93 09/20/93	BLK931834 BLK932371 BLK932379	GCJAY1309150130 GCJAY1309201444	20. 20.	00 00 00	18.20 18.90	ug/L ug/L	91 94
08/11/93 09/15/93 09/20/93 09/23/93	BLK931834 BLK932371 BLK932379 BLK932687	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030	20. 20. 20.	00 00 00 00	18.20 18.90 18.00	ug/L ug/L ug/L	91 94 90 80 82
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359	20. 20. 20. 20.	00 00 00 00 00	18.20 18.90 18.00 15.90	ug/L ug/L ug/L ug/L	91 94 90 80
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540	20. 20. 20. 20.	00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40	ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047	20. 20. 20. 20. 20.	00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80	ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047 GCPEA1310041056	20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93 06/09/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891 BLK93460	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047 GCPEA1310041056 GCQUE1306091614	20. 20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60 18.20	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93 06/09/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891 BLK93460 BLK93701	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047 GCPEA1310041056 GCQUE1306091614 GCQUE1306231533	20. 20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60 18.20 16.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91 82
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93 06/09/93 06/23/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891 BLK93460 BLK93701 BLK93732	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047 GCPEA1310041056 GCQUE1306091614 GCQUE1306231533 GCQUE1306241717	20. 20. 20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60 18.20 16.40 15.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91 82 78
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93 06/09/93 06/23/93 06/25/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891 BLK93460 BLK93701 BLK93732 BLK93732	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047 GCPEA1310041056 GCQUE1306091614 GCQUE1306231533 GCQUE1306241717 GCQUE1306271713	20. 20. 20. 20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60 18.20 16.40 15.50 14.30	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91 82 78
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93 06/09/93 06/23/93 06/25/93 06/27/93 09/22/93 06/14/93 06/16/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891 BLK93460 BLK93701 BLK93732 BLK93828 BLK93828	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047 GCPEA1310041056 GCQUE1306091614 GCQUE1306231533 GCQUE1306241717 GCQUE1306271713 GCQUE1309221453	20. 20. 20. 20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60 18.20 16.40 15.50 14.30 19.30	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91 82 78 72 96
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93 06/09/93 06/23/93 06/25/93 06/27/93 09/22/93 06/14/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891 BLK93460 BLK93701 BLK93701 BLK93701 BLK93828 BLK93828 BLK93828	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1310041056 GCQUE1306091614 GCQUE1306231533 GCQUE1306241717 GCQUE1306271713 GCQUE1309221453 GCTEX1306141311	20. 20. 20. 20. 20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60 18.20 16.40 15.50 14.30 19.30 19.90	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91 82 78 72 96 99
08/11/93 09/15/93 09/20/93 09/23/93 06/20/93 08/10/93 08/16/93 10/04/93 06/09/93 06/23/93 06/25/93 06/27/93 09/22/93 06/14/93 06/16/93	BLK931834 BLK932371 BLK932379 BLK932687 BLK93554 BLK931831 BLK931977 BLK932891 BLK93460 BLK93701 BLK93701 BLK93751 BLK93828 BLK93515 BLK93548	GCJAY1309150130 GCJAY1309201444 GCJAY1309231030 GCPEA1306201359 GCPEA1308101540 GCPEA1308161047 GCPEA1310041056 GCQUE1306091614 GCQUE1306231533 GCQUE1306241717 GCQUE1306271713 GCQUE1309221453 GCTEX1306141311 GCTEX1306152237	20. 20. 20. 20. 20. 20. 20. 20. 20. 20.	00 00 00 00 00 00 00 00 00 00 00 00	18.20 18.90 18.00 15.90 16.40 16.80 21.60 18.20 16.40 15.50 14.30 19.30 19.30 19.90 18.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	91 94 90 80 82 84 108 91 82 78 72 96 99

06/25/93

08/25/93

09/22/93

09/23/93

GCTEX1306250629

GCTEX1308242018

GCTEX1309221032

GCTEX1309231506

19.30

15.80

19.40

18.40

20.00

20.00

20.00

20.00

BLK93731

BLK932000

BLK932683

BLK932690

ug/L

ug/L

ug/L

ug/L

96

79

97 92 DATE ORIG. AMOUNT AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8010 - Halogenated Volatile Organics

10/06/93 	BLK932895		GCTEX1310061111	20.00	17.90	ug/L	90
Number of S	amples	: 22		Below acceptance :	0		
Mean % Reco	very	: 89.8		Above acceptance :	0		
Standard De	viation	: 8.74		Acceptance Criteria	50-150		
of Spike : Surrog	ate - Normal Sam	ole					
09/15/93	10-MW-04-01		GCJAY1309150130	20.00	19.60	ug/L	98
09/21/93	05-MW-13-01		GCJAY1309201444	20.00	18.90	ug/L	94
09/21/93	06-MW-07-01		GCJAY1309201444	20.00	19.30	ug/L	97
09/23/93	05-MW-15-01		GCJAY1309231030	20.00		ug/L	87
06/21/93	10-MW-01-03		GCPEA1306201359	20.00	16.30	ug/L	82
06/21/93	10-MW-02-03		GCPEA1306201359	20.00	16.40	ug/L	82
08/11/93	07-MW-04-03		GCPEA1308101540	20.00	16.00	ug/L	80
08/16/93	07-MW-01-03		GCPEA1308161047	20.00	17.30	ug/L	86
08/16/93	07-MW-03-03		GCPEA1308161047	20.00	16.90	ug/L	85
10/04/93	08-SW-01-01		GCPEA1310041056	20.00	21.10	ug/L	106
10/04/93	08-SW-02-01		GCPEA1310041056	20.00	21.30	ug/L	106
10/04/93	08-SW-03-01		GCPEA1310041056	20.00	21.20	ug/L	106
10/05/93	22-GP-01-01		GCPEA1310041056	20.00	22.00	ug/L	110
10/05/93	22-GP-02-01		GCPEA1310041056	20.00	21.90	ug/L	109
10/05/93	22-GP-03-01		GCPEA1310041056	20.00	21.90	ug/L	109
06/09/93	12-MW-01-03		GCQUE1306091614	20.00	16.20	ug/L	81
06/10/93	04-MW-02-03		GCQUE1306091614	20.00	15.40	ug/L	77
06/10/93	04-MW-03-03		GCQUE1306091614	20.00	17.00	ug/L	85
06/10/93	10-MW-03-03		GCQUE1306091614	20.00	18.00	ug/L	90
06/10/93	12-MW-02-03		GCQUE1306091614	20.00	18.50	ug/L	92
06/24/93	01-MW-01-03		GCQUE1306231533	20.00	15.60	ug/L	78
06/24/93	01-MW-02-03		GCQUE1306231533	20.00	14.90	ug/L	75
06/24/93	09-MW-01-03		GCQUE1306231533	20.00	19.70	ug/L	99
06/24/93	09-MW-02-03		GCQUE1306231533	20.00	18.50	ug/L	92
06/25/93	02-GW-03-03		GCQUE1306241717	20.00	15.50	ug/L	77
06/25/93	06-MW-01-03		GCQUE1306241717	2000.00	. 2130.00	ug/L	106
06/25/93	06-MW-02-03		GCQUE1306241717	20.00	15.60	ug/L	78
06/25/93	06-MW-04-03		GCQUE1306241717	20.00	17.10	ug/L	86
06/28/93	09-MW-03-03		GCQUE1306271713	20.00	16.30	ug/L	81
06/28/93	09-MW-04-03		GCQUE1306271713	20.00	13.70	ug/L	68
06/28/93	09-MW-05-03		GCQUE1306271713	20.00	16.10	ug/L	81
06/28/93	09-MW-06-03		GCQUE1306271713	20.00	14.40	ug/L	72
06/30/93	05-MW-03-03		GCQUE1306291223	20.00	16.40	ug/L	82
06/30/93	05-MW-05-03		GCQUE1306291223	20.00	16.20	ug/L	81
09/23/93	01-MW-07-01		GCQUE1309221453	20.00	19.10	ug/L	95
09/23/93	01-MW-08-01		GCQUE1309221453	20.00	19.80	ug/L	99
06/22/93	06-MW-03-03		GCTEX1306211441	20.00	18.30	ug/L	92

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER

Method : SW8	010 - Halogenated Vo	latil	le Orga	nics					
piked Analyte : Bro	mochloromethane cont	inue	d						
ype of Spike : Surro	ogate - Normal Sampl	9							
06/22/93	07-MW-02-03			GCTEX1306211441		20.00	18.80	ug/L	94
06/25/93	05-MW-01-03			GCTEX1306250629		20.00	18.50	ug/L	92
06/25/93	05-MW-02-03			GCTEX1306250629		20.00	19.00	ug/L	95
06/25/93	05-MW-04-03			GCTEX1306250629		20.00	20.80	ug/L	104
06/25/93	05-MW-06-03			GCTEX1306250629		20.00	19.10	ug/L	95
08/25/93	07-SW-03-01			GCTEX1308242018		20.00	17.50	ug/L	88
08/25/93	07-SW-04-01			GCTEX1308242018		20.00	17.80	ug/L	89
08/25/93	07-SW-05-01			GCTEX1308242018		20.00	19.10	ug/L	95
08/25/93	07-SW-06-01			GCTEX1308242018		20.00	17.10	ug/L	85
08/25/93	07-SW-07-01			GCTEX1308242018		20.00	17.90	ug/L	90
09/23/93	09-MW-15-01			GCTEX1309221032		20.00	19.60	ug/L	98
09/23/93	05-MW-14-01			GCTEX1309231506		20.00	17.40	ug/L	87
10/06/93	08-GP-01-01			GCTEX1310061111		20.00	18.20	ug/L	91
10/07/93	08-GP-02-01			GCTEX1310061111		20.00	15.90	ug/L	79
10/07/93	08-GP-03-01			GCTEX1310061111		20.00	16.60	ug/L	83
Number of	f Samples	: 5	- 52		Below acceptar		0		
Mean % Re	•		89.8	:	Above acceptar		0		
	Deviation		10.29	•	Acceptance Cri		50-150		
Type of Spike : Surn	rogate - Trip Blank								
09/15/93	TB-07-02			GCJAY1309150130		20.00	18.60	ug/L	93
09/21/93	TB-08-02			GCJAY1309201444		20.00	19.50	ug/L	97
09/24/93	TB-10-02			GCJAY1309231030		20.00	15.70	ug/L	78
08/11/93	BT-11			GCPEA1308101540		20.00	17.70	ug/L	88
08/17/93	BT-12			GCPEA1308161047		20.00	15.80	ug/L	79
10/05/93	TB-14-02			GCPEA1310041056		20.00	22.40	ug/L	112
06/09/93	BT-01			GCQUE1306091614		20.00	16.40	ug/L	82
06/10/93	BT-02			GCQUE1306091614		20.00	15.70	ug/L	79
06/24/93	BT-06			GCQUE1306231533		20.00	15.90	ug/L	80
06/25/93	BT-08			GCQUE1306241717		20.00	17.60	ug/L	88
06/25/93	BT-10			GCQUE1306241717		20.00	15.40	ug/L	77
06/28/93	BT-07			GCQUE1306271713		20.00	14.70	ug/L	73
06/14/93	BT-03			GCTEX1306141311		20.00	17.40	ug/L	87
06/16/93	BT-04			GCTEX1306152237		20.00	18.20	ug/L	91
06/25/93	BT-09			GCTEX1306250629		20.00	17.50	ug/L	88
	TD 00 00			007574000040040		00 00	10 70	/1	0.4
08/25/93	TB-06-02			GCTEX1308242018		20.00	16.70	ug/L	84

: 18 : 86.8 Number of Samples Mean % Recovery Standard Deviation : 9.26

TB-09-02

TB-11-02

Below acceptance : 0 Above acceptance : Acceptance Criteria .50-150

20.00

20.00

Date Compiled: 30 April 1994

09/23/93

09/24/93

ND = Not Detected

NC = Not Calculable

GCTEX1309221032

GCTEX1309231506

NS = Not Specified

19.20

18.00

ug/L 96

ug/L 90

			ORIG.	AMOUNT	AMOUNT	RESULT	. %
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Method : SW8015 piked Analyte : 2-Butan	 Nonhalogenated Volation none(MEK) 	ile Organics					
Type of Spike : Labora	tory Control						
06/14/93	LCS931071 [1090	CHGC3A306140800		100.00	103.00	mg/L	103
06/14/93	LCSD931071 [109	CHGC3A306140800		100.00	103.00	mg/L	103
06/15/93	LCS931072 [1090	CHGC3A306140800		100.00	104.00	mg/L	104
06/15/93	LCSD931072 [109	CHGC3A306140800		100.00	106.00	mg/L	106
06/18/93	LCS931264 [10	CHGC3A306180800		100.00	103.00	mg/L	103
06/18/93	LCSD931264 [10	CHGC3A306180800		100.00	100.00	mg/L	100
06/23/93	LCS931397 [CH	CHGC3A306230800		100.00	98.30	mg/L	98
06/23/93	LCSD931397 [CH	CHGC3A306230800		100.00	100.00	mg/L	100
08/06/93	LCS933096 [CH	CHGC3A308060800		100.00	97.50	mg/L	97
08/06/93	LCSD933096 [CH	CHGC3A308060800		100.00 '	99.10	mg/L	99
08/17/93	LCS933560 [CH16	CHGC3A308170800		100.00	101.00	mg/L	101
08/17/93	LCSD933560 [CH1	CHGC3A308170800		100.00	103.00	mg/L	103
09/24/93	LCS934720 [CH	CHGC3A309240800		100.00	99.30	mg/L	99
09/24/93	LCSD934720 [CH	CHGC3A309240800		100.00	99.50	mg/L	100
10/06/93	LCS935016 [CH	CHGC3A310060800		100.00	106.00	mg/L	106
10/06/93	LCSD935016 [CH	CHGC3A310060800		100.00	103.00	mg/L	103
Number of Sa	imples : 16		Below accept	ance :	 0		
Mean % Recov	rery : 101	.6	Above accept	ance :	0		
Standard Dev	riation : 2	.71	Acceptance (Criteria 5	0-150		
ype of Spike : Matrix	Spike						
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	96.70	mg/L	97
06/14/93 06/14/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M	CHGC3A306140800	ND ND	100.00	96.70 97.50	mg/L mg/L	97 98
06/14/93 06/14/93 06/15/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M	CHGC3A306140800 CHGC3A306140800			97.50 100.00	mg/L mg/L	
06/14/93 06/14/93 06/15/93 06/15/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800	ND ND ND	100.00 100.00 100.00	97.50 100.00 99.20	mg/L	98
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800	ND ND ND ND	100.00 100.00 100.00 100.00	97.50 100.00	mg/L mg/L mg/L	98 100
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306180800	ND ND ND ND	100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00	mg/L mg/L mg/L mg/L	98 100 99
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MSD 05-MW-01-03 MS	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800	ND ND ND ND ND	100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90	mg/L mg/L mg/L mg/L mg/L	98 100 99 98
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MSD 05-MW-01-03 MS	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800	ND ND ND ND ND ND	100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50	mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MSD 05-MW-01-03 MSD 05-MW-01-03 MSD 07-MW-01-03 MSD	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800	ND ND ND ND ND ND ND	100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 97 95
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 08/06/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MSD 05-MW-01-03 MSD 05-MW-01-03 MSD 07-MW-04-03 MSD 07-MW-04-03 MSD	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800	ND ND ND ND ND ND ND	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 97 95
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 08/06/93 08/06/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MS 05-MW-01-03 MS 05-MW-01-03 MS 07-MW-04-03 MS 07-MW-04-03 MS	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800 CHGC3A308060800 CHGC3A308170800	ND	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00 95.20	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 97 95 93
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 08/06/93 08/06/93 08/17/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MSD 05-MW-01-03 MSD 05-MW-01-03 MSD 07-MW-04-03 MSD 07-MW-04-03 MSD 07-MW-04-03 MSD 07-MW-01-03 MSD	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800 CHGC3A308170800 CHGC3A308170800	ND 1.30	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00 95.20 99.10	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 97 95 93 94
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 08/06/93 08/06/93 08/17/93 08/17/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MSD 05-MW-01-03 MSD 05-MW-01-03 MSD 07-MW-04-03 MSD 07-MW-04-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 05-MW-01-03 MSD	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800 CHGC3A308170800 CHGC3A308170800 CHGC3A309240800	ND N	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00 95.20 99.10 93.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 97 95 93 94 98
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 08/06/93 08/06/93 08/17/93 08/17/93 09/25/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MS 05-MW-01-03 MS 05-MW-01-03 MS 07-MW-04-03 MS 07-MW-04-03 MS 07-MW-04-03 MS 07-MW-01-03 MS 07-MW-01-03 MS 07-MW-01-03 MS 07-MW-01-03 MSD 05-MW-14-01	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800 CHGC3A308170800 CHGC3A309240800 CHGC3A309240800 CHGC3A309240800	ND 1.30 ND ND	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00 95.20 99.10 93.00 94.60	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 97 95 93 94 98 93
06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 08/06/93 08/06/93 08/17/93 08/17/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MSD 05-MW-01-03 MSD 05-MW-01-03 MSD 07-MW-04-03 MSD 07-MW-04-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 05-MW-01-03 MSD	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800 CHGC3A308170800 CHGC3A308170800 CHGC3A309240800	ND N	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00 95.20 99.10 93.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 97 95 93 94 98 93
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 08/06/93 08/06/93 08/17/93 08/17/93 09/25/93 10/06/93 10/06/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MS 05-MW-01-03 MSD 07-MW-04-03 MS 07-MW-04-03 MS 07-MW-04-03 MS 07-MW-01-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 07-MW-01-03 MSD 05-MW-14-01 05-MW-14-01 08-SW-01-DS-01	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800 CHGC3A308170800 CHGC3A308170800 CHGC3A309240800 CHGC3A309240800 CHGC3A310060800	ND 1.30 ND ND ND ND ND ND ND ND	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00 95.20 99.10 93.00 94.60 99.90 101.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 95 93 94 98 93 95 100
06/14/93 06/14/93 06/15/93 06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 06/23/93 08/06/93 08/06/93 08/17/93 08/17/93 09/25/93 10/06/93	12-MW-02-DS-03 M 12-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 09-MW-01-03 MS 09-MW-01-03 MS 05-MW-01-03 MS 07-MW-04-03 MS 07-MW-04-03 MS 07-MW-04-03 MS 07-MW-01-03 M	CHGC3A306140800 CHGC3A306140800 CHGC3A306140800 CHGC3A306180800 CHGC3A306230800 CHGC3A306230800 CHGC3A308060800 CHGC3A308060800 CHGC3A308170800 CHGC3A309240800 CHGC3A3309240800 CHGC3A310060800 CHGC3A310060800	ND N	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	97.50 100.00 99.20 98.30 101.00 96.90 97.50 94.60 93.00 95.20 99.10 93.00 94.60 99.90 101.00	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	98 100 99 98 101 97 95 93 94 98 93 95 100

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY

Spiked Analyte : 4-Methyl-2-pentanone(MIBK)

Type of Spike : Laboratory Control

06/14/93	LCS931071 [1090	CHGC3A306140800	100.00	97.90	mg/L	98
06/14/93	LCSD931071 [109	CHGC3A306140800	100.00	97.80	mg/L	98
06/15/93	LCS931072 [1090	CHGC3A306140800	100.00	98.90	mg/L	99
06/15/93	LCSD931072 [109	CHGC3A306140800	100.00	99.40	mg/L	99
06/18/93	LCS931264 [10	CHGC3A306180800	100.00	97.90	mg/L	98
06/18/93	LCSD931264 [10	CHGC3A306180800	100.00	94.60	mg/L	95
06/23/93	LCS931397 [CH	CHGC3A306230800	100.00	92.50	mg/L	93
06/23/93	LCSD931397 [CH	CHGC3A306230800	100.00	94.70	mg/L	95
08/06/93	LCS933096 [CH	CHGC3A308060800	100.00	93.10	mg/L	93
08/06/93	LCSD933096 [CH	CHGC3A308060800	100.00	94.20	mg/L	94
08/17/93	LCS933560 [CH16	CHGC3A308170800	100.00	98.10	mg/L	98
08/17/93	LCSD933560 [CH1	CHGC3A308170800	100.00	99.70	mg/L	100
09/24/93	LCS934720 [CH	CHGC3A309240800	100.00	99.90	mg/L	100
09/24/93	LCSD934720 [CH	CHGC3A309240800	100.00	98.20	mg/L	98
10/06/93	LCS935016 [CH	CHGC3A310060800	100.00	104.00	mg/L	104
10/06/93	LCSD935016 [CH	CHGC3A310060800	100.00	101.00	mg/L	101

Number of Samples Mean % Recovery : 97.7 Standard Deviation : 3.03

Below acceptance : Above acceptance : 0

Acceptance Criteria .50-150

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	97.50	mg/L	98
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	95.60	mg/L	96
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	99.90	mg/L	100
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	98.70	mg/L	99
06/18/93	09-MW-01-03 MS	CHGC3A306180800	ND	100.00	98.10	mg/L	98
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	ND	100.00	101.00	mg/L	101
06/23/93	05-MW-01-03 MS	CHGC3A306230800	ND	100.00	96.70	mg/L	97
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	ND	100.00	97.00	mg/L	97
08/06/93	07-MW-04-03 MS	CHGC3A308060800	1.37	100.00	93.70	mg/L'	92
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	1.37	100.00	92.00	mg/L	91
08/17/93	07-MW-01-03 MS	CHGC3A308170800	1.68	100.00	98.20	mg/L	97
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	1.68	100.00	102.00	mg/L	100
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	96.00	mg/L	96
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	93.50	mg/L	94
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	101.00	mg/L	101
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	99.60	mg/L	100

Number of Samples : 16 : 97.3 Mean % Recovery Standard Deviation : 3.00

Below acceptance : Above acceptance : Acceptance Criteria 50-150

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
					-		
Method : SW8015 Spiked Analyte : Ethano	5 - Nonhalogenated Volat 3]	ile Organics					
Type of Spike : Labora	tory Control						
06/14/93	LCS931071 [1090	CHGC3A306140800		100.00	103.00	mg/L	103
06/14/93	LCSD931071 [109	CHGC3A306140800		100.00	103.00	mg/L	103
06/15/93	LCS931072 [1090	CHGC3A306140800		100.00	105.00	mg/L	105
06/15/93	LCSD931072 [109	CHGC3A306140800		100.00	106.00	mg/L	106
06/18/93	LCS931264 [10	CHGC3A306180800		100.00	105.00	mg/L	105
06/18/93	LCSD931264 [10	CHGC3A306180800		100.00	101.00	mg/L	101
06/23/93	LCS931397 [CH	CHGC3A306230800		100.00	99.00	mg/L	99
06/23/93	LCSD931397 [CH	CHGC3A306230800		100.00	101.00	mg/L	101
08/06/93	LCS933096 [CH	CHGC3A308060800		100.00	96.40	mg/L	96
08/06/93	LCSD933096 [CH	CHGC3A308060800		100.00	98.60	mg/L	99
08/17/93	LCS933560 [CH16	CHGC3A308170800		100.00	102.00	mg/L	102
08/17/93	LCSD933560 [CH1	CHGC3A308170800		100.00	104.00	mg/L	104
09/24/93	LCS934720 [CH	CHGC3A309240800		100.00	101.00	mg/L	101
09/24/93	LCSD934720 [CH	CHGC3A309240800		100.00	102.00	mg/L	102
10/06/93	LCS935016 [CH	CHGC3A310060800		100.00	108.00	mg/L	108
10/06/93	LCSD935016 [CH	CHGC3A310060800		100.00	105.00	mg/L	105
Number of S	amples : 16		Below accept	ance :	0		
Mean % Reco	very : 102	2.5	Above accept		0		
Standard De	viation : 3	3.03	Acceptance C		0-150		
Type of Spike : Matrix	Spike						
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	98.90	mg/L	99
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	98.70	mg/L	99
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	100.00	mg/L	100
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	99.30		99
06/18/93	09-MW-01-03 MS	CHGC3A306180800	ND	100.00	99.30	mg/L	99
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	ND	100.00	103.00		103
06/23/93	05-MW-01-03 MS	CHGC3A306230800	ND	100.00	98.40		98
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	ND	100.00	99.40		99
08/06/93	07-MW-04-03 MS	CHGC3A308060800	ND	100.00	96.70		97
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	ND	100.00	95.20		95
08/17/93	07-MW-01-03 MS	CHGC3A308170800	ND	100.00	95.50		95
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	NĐ	100.00	97.80		98
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	93.60		94
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	94.40		94
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	101.00		101
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	101.00	_	100
Number of Sa	amples : 16		Below accepta	ance :	 0		
Mean % Recov		. 1	Above accepta		0		
.,,,,	. 30	· -	accepts		u		

Standard Deviation

: 2.55

Acceptance Criteria 50-150

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Ethyl ether

Type of Spike : Laboratory Control

06/14/93	LCS931071 [1090	CHGC3A306140800	100.00	105.00	mg/L	105
06/14/93	LCSD931071 [109	CHGC3A306140800	100.00	104.00	mg/L	104
06/15/93	LCS931072 [1090	CHGC3A306140800	100.00	107.00	mg/L	107
06/15/93	LCSD931072 [109	CHGC3A306140800	100.00	109.00	mg/L	109
06/18/93	LCS931264 [10	CHGC3A306180800	100.00	104.00	mg/L	104
06/18/93	LCSD931264 [10	CHGC3A306180800	100.00	102.00	mg/L	102
06/23/93	LCS931397 [CH	CHGC3A306230800	100.00	98.80	mg/L	99
06/23/93	LCSD931397 [CH	CHGC3A306230800	100.00	100.00	mg/L	100
08/06/93	LCS933096 [CH	CHGC3A308060800	100.00	97.00	mg/L	97
08/06/93	LCSD933096 [CH	CHGC3A308060800	100.00	99.40	mg/L	99
08/17/93	LCS933560 [CH16	CHGC3A308170800	100.00	106.00	mg/L	106
08/17/93	LCSD933560 [CH1	CHGC3A308170800	100.00	107.00	mg/L	107
09/24/93	LCS934720 [CH	CHGC3A309240800	100.00	92.70	mg/L	93
09/24/93	LCSD934720 [CH	CHGC3A309240800	100.00	93.40	mg/L	93
10/06/93	LCS935016 [CH	CHGC3A310060800	100.00	102.00	mg/L	102
10/06/93	LCSD935016 [CH	CHGC3A310060800	100.00	95.60	mg/L	96

Number of Samples : 16 Mean % Recovery : 101.4 Standard Deviation : 4.98 Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 50-150

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	101.00	mg/L	101	
06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	99.20	mg/L	99	
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	102.00	mg/L	102	
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	ND	100.00	101.00	mg/L	101	
06/18/93	09-MW-01-03 MS	CHGC3A306180800	ND	100.00	100.00	mg/L	100	
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	ND	100.00	101.00	mg/L	101	
06/23/93	05-MW-01-03 MS	CHGC3A306230800	ND	100.00	96.70	mg/L	97	
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	ND	100.00	97.10	mg/L	97	
08/06/93	07-MW-04-03 MS	CHGC3A308060800	ND ·	100.00	86.20	mg/L	86	
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	ND	100.00	85.50	mg/L	85	
08/17/93	07-MW-01-03 MS	CHGC3A308170800	ND	100.00	104.00	mg/L	104	
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	ND	100.00	105.00	mg/L	105	
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	84.30	mg/L	84	
09/25/93	05-MW-14-01	CHGC3A309240800	ND	100.00	83.30	mg/L	83	
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00 .	91.90	mg/L	92	
10/06/93	08-SW-01-DS-01	CHGC3A310060800	ND	100.00	93.50	mg/L	93	

Number of Samples : 16
Mean % Recovery : 95.6
Standard Deviation : 7.48

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 50-150

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE				ORIG.	AMOUNT	AMOUNT	RESULT	% .
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Method : SW8015	- Nonhalogenated V	olatile	Organics					
iked Analyte : 1,1-Di	chloroethene							
ype of Spike : Surrog	ate - Ambient Blank		•					
06/15/93	BA-01		CHGC3A306140800	. 1	100.00	100.00	mg/L	100
06/15/93	BA-02		CHGC3A306140800	1	100.00	102.00	mg/L	102
06/18/93	BA-04		CHGC3A306180800		100.00	104.00	mg/L	104
06/19/93	BA-05		CHGC3A306180800		100.00	104.00	mg/L	104
06/19/93	BA-06		CHGC3A306180800		100.00 •	99.90	mg/L	100
06/23/93	BA-07		CHGC3A306230800		100.00	103.00	mg/L	103
06/24/93	BA-08		CHGC3A306230800		100.00	102.00	mg/L	102
06/24/93	BA-09		CHGC3A306230800		100.00	103.00	mg/L	103
09/24/93	AB-07		CHGC3A309240800		100.00	99.60	mg/L	100
09/24/93	AB-08		CHGC3A309240800		100.00	101.00	mg/L	101
09/24/93	AB-09		CHGC3A309240800		100.00	101.00	mg/L	101
09/25/93	AB-10		CHGC3A309240800		100.00	96.70	mg/L	97
09/25/93	AB-11		CHGC3A309240800		100.00	98.00	mg/L	98
	~~~							
Number of Sa	amples :	13		Below acceptance	ce :	0		
Number of Sa Mean % Reco		13 101.2		Below acceptant  Above acceptant		0 0		
Mean % Recov Standard Dev	very : viation :	101.2 2.15		Below acceptanc Above acceptanc Acceptance Crit	ce :			
Mean % Recov Standard Dev	very : viation :	101.2 2.15	CHGC3A306230800 CHGC3A310060800	Above acceptance Crit	ce :	0	mg/L mg/L	103 101
Mean % Recor Standard Dev ype of Spike : Surroga 06/23/93 10/07/93	very : viation : ate - Equipment Blan 04-MW-01-EB-03 08-GP-01-EB-01	101.2 2.15 nk		Above acceptance Crit	ce: ceria 5	0 0-150 103.00 101.00	•	
Mean % Record Standard Develope of Spike : Surrogate 10/07/93  Number of Sa	very : viation :  ate - Equipment Blan 04-MW-01-EB-03 08-GP-01-EB-01 amples :	101.2 2.15 nk		Above acceptance Crit	ce: ceria 5	0 0-150 103.00 101.00	•	
Mean % Record Standard Develope of Spike : Surrogate 10/07/93	very : viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01  amples : very :	101.2 2.15 nk		Above acceptance Acceptance Crit	ce: ceria 5	0 0-150 103.00 101.00	•	
Mean % Recovery Standard Development of Spike : Surrogate 10/07/93   Number of Same 10/07/93   Mean % Recovery Standard Development Number Num	very : viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01  amples : very :	101.2 2.15 nk 2 102.0		Above acceptance Crit	ce: ceria 5	0 0-150 103.00 101.00	•	
Mean % Recovery Standard Development of Spike : Surrogate 10/07/93 10/07/93 Number of Same Mean % Recovery Standard Development of Same Standard Development of Same Standard Development Same Standard Development Same Standard Development Standard Standard Standard Development Standard Stand	viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01  amples : very : viation :	101.2 2.15 nk 2 102.0 1.41		Above acceptance Acceptance Crit	ce: ceria 5	0 0-150 103.00 101.00	•	
Mean % Recovery Standard Development of Spike : Surrogate 10/07/93   Number of Same 10/07/93   Nean % Recovery Standard Development 10/07/93	viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01  amples : very : viation :	101.2 2.15 nk 2 102.0 1.41		Above acceptance Acceptance Crit  1 1 Below acceptance Above acceptance Acceptance Crit	ce: ceria 5	0 0-150 103.00 101.00	•	
Mean % Record Standard Device of Spike : Surrogation of Spike : Surrogation of Same and Standard Device of Spike : Surrogation of Spike : Spike : Surrogation of Spike : Surrogation of Spike :	very : viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01	101.2 2.15 nk 2 102.0 1.41	CHGC3A310060800	Above acceptance Acceptance Crit  1 Below acceptance Above acceptance Acceptance Crit	ce: ceria 5 .00.00 .00.00 .ce: ce: ceria 5	0 0-150 103.00 101.00 0 0 0 0-150	mg/L	101
Mean % Record Standard Device Standard Device Standard Device Surrogation of Spike : Surrogation Standard Device Standard Device Spike : Surrogation of Spike : Spike : Surrogation of Spike : Spik	very : viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01  amples : very : viation :  ate - Field Duplicat	101.2 2.15 nk 2 102.0 1.41	CHGC3A310060800 	Above acceptance Crit  1 1 Below acceptance Above acceptance Acceptance Crit	ce: ceria 5  .00.00 .00.00 .ce: ceria 5	0 0-150 103.00 101.00  0 0 0-150	mg/L	101
Mean % Record Standard Device Standard Device Standard Device Surrogation of Same Standard Device Standard Dev	very : viation :  ate - Equipment Blan 04-MW-01-EB-03 08-GP-01-EB-01	101.2 2.15 nk 2 102.0 1.41	CHGC3A310060800	Above acceptance Crit  1 1 Below acceptance Above acceptance Acceptance Crit 1 1 1 1 1	ce: ceria 5  .00.00 .00.00 ce: ceria 5	0 0-150 103.00 101.00  0 0 0-150 98.90 102.00	mg/L mg/L mg/L	99 102
Mean % Record Standard Device Standard Device Standard Device Spike : Surrogate Standard Device Standard Devic	very : viation :  ate - Equipment Blan 04-MW-01-EB-03 08-GP-01-EB-01	101.2 2.15 nk 2 102.0 1.41	CHGC3A310060800 CHGC3A306140800 CHGC3A306140800 CHGC3A306230800	Above acceptance Crit  1 1 Below acceptance Above acceptance Crit 1 1 1 1 1 1 1 1 1	ce: ceria 5  .00.00 .00.00 .00.00 .ce: ce: ceria 5	103.00 101.00 0 0 0-150 98.90 102.00 102.00	mg/L mg/L mg/L mg/L mg/L	99 102 102
Mean % Record Standard Develope of Spike : Surrogate 10/07/93  Number of Samean % Record Standard Develope of Spike : Surrogate 106/14/93  06/15/93  06/23/93  06/24/93	very : viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01	101.2 2.15 nk 2 102.0 1.41	CHGC3A310060800 CHGC3A306140800 CHGC3A306140800 CHGC3A306230800 CHGC3A306230800	Above acceptance Crit	00.00 .00.00 .00.00 .00.00 .00.00 .00.00	00 0-150 103.00 101.00 0 0 0 0-150 98.90 102.00 102.00 99.90	mg/L mg/L mg/L mg/L mg/L mg/L	99 102 102 100
Mean % Record Standard Device	very : viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01	101.2 2.15 nk 2 102.0 1.41	CHGC3A310060800 CHGC3A306140800 CHGC3A306140800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800	Above acceptance Crit	ce: ceria 5  .00.00 .00.00 .00.00 ce: ceria 5	103.00 101.00 0-150 0 0-150 98.90 102.00 102.00 99.90 97.10	mg/L mg/L mg/L mg/L mg/L mg/L	99 102 100 97
Mean % Record Standard Device Standard Device Standard Device Spike : Surrogate Standard Device Standard Devic	very : viation :  ate - Equipment Blan  04-MW-01-EB-03  08-GP-01-EB-01  amples : very : viation :  ate - Field Duplicat  12-MW-02-DS-03  07-MW-02-DS-03  05-MW-03-DS-03  05-MW-14-DS-01  08-SW-01-DS-01	101.2 2.15 nk 2 102.0 1.41	CHGC3A310060800 CHGC3A306140800 CHGC3A306140800 CHGC3A306230800 CHGC3A306230800 CHGC3A309240800	Above acceptance Crit	ce: ceria 5  .00.00 .00.00 .00.00 .ce: ceria 5	00 0-150 103.00 101.00 	mg/L mg/L mg/L mg/L mg/L mg/L	99 102 100 97

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : 1,1-Dichloroethene continued

Type of Spike : Surrogate - Laboratory Control

Type of Spike : Surrogate - Laboratory Control

06/14/93	LCS931071 [1090	CHGC3A306140800	100.00	99.60	mg/L	100
06/14/93	LCSD931071 [109	CHGC3A306140800	100.00	99.20	mg/L	99
06/15/93	LCS931072 [1090	CHGC3A306140800	100.00	101.00	mg/L	101
06/15/93	LCSD931072 [109	CHGC3A306140800	100.00	102.00	mg/L	102
06/18/93	LCS931264 [10	CHGC3A306180800	100.00	102.00	· mg/L	102
06/18/93	LCSD931264 [10	CHGC3A306180800	100.00	96.60	mg/L	97
06/23/93	LCS931397 [CH	CHGC3A306230800	100.00	94.10	mg/L	94
06/23/93	LCSD931397 [CH	CHGC3A306230800	100.00	96.50	mg/L	96
08/06/93	LCS933096 [CH	CHGC3A308060800	100.00	95.30	mg/L	95
08/06/93	LCSD933096 [CH	CHGC3A308060800	100.00	96.60	mg/L	97
08/17/93	LCS933560 [CH16	CHGC3A308170800	100.00	101.00	mg/L	101
08/17/93	LCSD933560 [CH1	CHGC3A308170800	100.00	103.00	mg/L	103
09/24/93	LCS934720 [CH	CHGC3A309240800	100.00	100.00	mg/L	100
09/24/93	LCSD934720 [CH	CHGC3A309240800	100.00	100.00	mg/L	100
10/06/93	LCS935016 [CH	CHGC3A310060800	100.00	106.00	mg/L	106
10/06/93	LCSD935016 [CH	CHGC3A310060800	100.00	103.00	mg/L	103

Number of Samples

Mean % Recovery : 99.8 Standard Deviation : 3.26 Below acceptance : Above acceptance :

0 Acceptance Criteria 50-150

Type of Spike : Surrogate - Matrix Spike

06/14/93	12-MW-02-DS-03 M	CHGC3A306140800	100.00	97.60	mg/L	98
06/14/93	12-MW-02-DS-03 M '	CHGC3A306140800	100.00	97.50	mg/L	98
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	100.00	100.00	mg/L	100
06/15/93	07-MW-02-DS-03 M	CHGC3A306140800	100.00	100.00	mg/L	100
06/18/93	09-MW-01-03 MS	CHGC3A306180800	100.00	98.50	mg/L	98
06/18/93	09-MW-01-03 MSD	CHGC3A306180800	100.00	102.00	mg/L	102
06/23/93	05-MW-01-03 MS	CHGC3A306230800	100.00	96.90	mg/L	97
06/23/93	05-MW-01-03 MSD	CHGC3A306230800	100.00	97.90	mg/L	98
08/06/93	07-MW-04-03 MS	CHGC3A308060800	100.00	98.40	mg/L	98
08/06/93	07-MW-04-03 MSD	CHGC3A308060800	100.00 -	95.80	mg/L	96
08/17/93	07-MW-01-03 MS	CHGC3A308170800	100.00	99.10	mg/L	99
08/17/93	07-MW-01-03 MSD	CHGC3A308170800	100.00	100.00	mg/L	100
09/25/93	05-MW-14-01	CHGC3A309240800	100.00	94.40	mg/L	94
09/25/93	05-MW-14-01	CHGC3A309240800	100.00	95.20	mg/L	95
10/06/93	08-SW-01-DS-01	CHGC3A310060800	100.00	101.00	mg/L	101
10/06/93	08-SW-01-DS-01	CHGC3A310060800	100.00	101.00	mg/L	101

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method: SW8015 - Nonhalogenated Volatile Organics

Spiked Analyte : 1,1-Dichloroethene continued

Type of Spike : Surrogate - Matrix Spike

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 98.4 Above acceptance : 0
Standard Deviation : 2.22 Acceptance Criteria 50-150

Type of Spike : Surrogate - Method Blank

06/14/93	BLK93590 [BLK935	CHGC3A306140800	100.00	103.00	mg/L	103
06/15/93	BLK93591 [076039	CHGC3A306140800	100.00	103.00	mg/L	103
06/18/93	BLK93681 [076	CHGC3A306180800	100.00	103.00	mg/L	103
06/23/93	BLK93765 [CH0	CHGC3A306230800	100.00	103.00	mg/L	103
08/06/93	BLK931815 [METHO	D BLANKGC3A308060800	100.00	101.00	mg/L	101
08/17/93	BLK932089 [METHOD	D BLANAGC3A308170800	100.00	98.90	mg/L	99
09/24/93	BLK932792 [METHOD	D BLANAGC3A309240800	.100.00	99.70	mg/L	100
10/06/93	BLK933010 [METHOD	D BLANK∳C3A310060800	100.00	102.00	mg/L	102

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 101.8 Above acceptance : 0
Standard Deviation : 1.58 Acceptance Criteria 50-150

Type of Spike : Surrogate - Normal Sample

06/14/93	04-MW-02-03	CHGC3A306140800	100.00 .	101.00	mg/L	101
06/14/93	04-MW-03-03	CHGC3A306140800	100.00	102.00	mg/L	102
06/14/93	10-MW-03-03	CHGC3A306140800	100.00	101.00	mg/L	101
06/14/93	12-MW-01-03	CHGC3A306140800	100.00	103.00	mg/L	103
06/14/93	12-MW-02-03	CHGC3A306140800	100.00	101.00	mg/L	101
06/15/93	06-MW-03-03	CHGC3A306140800	100.00	100.00	mg/L	100
06/15/93	07-MW-02-03	CHGC3A306140800	100.00	99.90	mg/L	100
06/15/93	10-MW-01-03	CHGC3A306140800	100.00	104.00	mg/L	104
06/15/93	10-MW-02-03	CHGC3A306140800	100.00	101.00	mg/L	101
06/18/93	01-MW-01-03	CHGC3A306180800	100.00	102.00	mg/L	102
06/18/93	01-MW-02-03	CHGC3A306180800	100.00	101.00	mg/L	101
06/18/93	09-MW-01-03	CHGC3A306180800	100.00	100.00	mg/L	100
06/18/93	09-MW-02-03	CHGC3A306180800	100.00	103.00	mg/L	103
06/18/93	09-MW-03-03	CHGC3A306180800	100.00	102.00	mg/L	102
06/18/93	09-MW-04-03	CHGC3A306180800	100.00	102.00	mg/L	102
06/18/93	09-MW-05-03	CHGC3A306180800	100.00	102.00	mg/L	102
06/18/93	09-MW-06-03	CHGC3A306180800	100.00	104.00	mg/L	104
06/19/93	06-MW-01-03	CHGC3A306180800	100.00	102.00	mg/L	102
06/19/93	06-MW-02-03	CHGC3A306180800	100.00	102.00	mg/L	102
06/19/93	06-MW-04-03	CHGC3A306180800	100.00	102.00	mg/L	102
06/23/93	05-MW-01-03	CHGC3A306230800	100.00	103.00	mg/L	103
06/23/93	05-MW-02-03	CHGC3A306230800	100.00	101.00	mg/L	101
06/23/93	05-MW-03-03	CHGC3A306230800	100.00 .	103.00	mg/L	103

DA'	YZED :	SAMPLE ID		BATCH ID		AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	: SW8015 - Noi : 1,1-Dichlord	-		Organics					
/pe of Spike	: Surrogate - I	Normal Sample			•				
06/23	3/93	05 <b>-MW-04</b> -03		CHGC3A306230800	10	00.00	102.00	mg/L	102
06/23	3/93 (	05-MW-05-03		CHGC3A306230800	10	00.00	101.00	mg/L	101
06/23	3/93	05-MW-06-03		CHGC3A306230800	10	00.00	102.00	mg/L	102
06/24	1/93	02-GW-03-03		CHGC3A306230800	10	0.00	100.00	mg/L	100
08/06	6/93 (	07 <b>-MW-0</b> 4-03		CHGC3A308060800	10	00.00	95.50	mg/L	96
08/17	7/93 (	07-MW-01-03		CHGC3A308170800	10	00.00	98.60	mg/L	99
08/17	7/93 (	07 <b>-MW-0</b> 3-03		CHGC3A308170800	10	00.00	97.20	mg/L	97
09/24	1/93 (	01-MW-07-01		CHGC3A309240800	10	00.00	99.90	mg/L	100
09/24	1/93 (	01-MW-08-01		CHGC3A309240800	10	00.00	99.30	mg/L	99
09/24	1/93 . (	05-MW-13-01		CHGC3A309240800	10	00.00	99.20	mg/L	99
09/24	1/93	05-MW-14-01		CHGC3A309240800		0.00	96.80	mg/L	97
09/24	1/93	05-MW-15-01		CHGC3A309240800	10	00.00	98.60	mg/L	99
09/24	1/93	09-MW-15-01		CHGC3A309240800		0.00	99.50	mg/L	100
09/24	1/93 1	LO-MW-04-01		CHGC3A309240800		0.00	99.80	mg/L	100
10/06	6/93 (	08-GP-01-01		CHGC3A310060800	10	0.00	99.90	mg/L	100
10/08	6/93	08-SW-01-01		CHGC3A310060800	10	0.00	101.00	mg/L	101
10/06		08-SW-02-01		CHGC3A310060800	10	0.00	101.00	mg/L	101
10/06		08-SW-03-01		CHGC3A310060800		0.00	103.00	mg/L	103
10/06	5/93 2	22-GP-01-01		CHGC3A310060800	10	0.00	102.00	mg/L	102
10/06		22-GP-02-01		CHGC3A310060800	10	0.00	99.00	mg/L	99
10/06	3/93 2	22-GP-03-01		CHGC3A310060800		0.00	101.00	mg/L	101
10/07	'/93 C	08-GP-02-01		CHGC3A310060800		0.00	101.00	mg/L	101
10/07	7/93 C	08-GP-03-01		CHGC3A310060800	10	0.00	99.90	mg/L	100
Num	mber of Samples	3	: 46		Below acceptance	:	0		
Mea	n % Recovery	:	100.9		Above acceptance	:	0		
Sta	ndard Deviatio	on :	1.73		Acceptance Crite	ria !	50-150		
/pe of Spike	: Surrogate -	Trip Blank							
06/14	/93 B	BT-01		CHGC3A306140800	10	0.00	102.00	mg/L	102
06/14	/93 B	T-02		CHGC3A306140800	10	0.00	105.00	mg/L	105
06/15	/93 B	T-03		CHGC3A306140800	10	0.00 -	104.00	mg/L	104
06/15	/93 B	T-04		CHGC3A306140800	10	0.00	103.00	mg/L	103
06/18	/93 B	IT-06		CHGC3A306180800	10	0.00	102.00	mg/L	102
06/18	/93 B	T-07		CHGC3A306180800	10	0.00	102.00	mg/L	102
06/19	/93 B	T-08		CHGC3A306180800	10	0.00	103.00	mg/L	103
06/22	/93 B	T- <b>0</b> 9		CHGC3A306230800	10	0.00	103.00	mg/L	103
00/23	/93 B	T-10		CHGC3A306230800	10	0.00	101.00		101
06/23	/93 B	T-11		CHGC3A308060800		0.00	98.10		98
	,			CHGC3A308170800		0.00	102.00	-	102
06/24		T-12		0110001100017 0000					
06/24 08/06	/93 . B	T-12 B-07-02		CHGC3A309240800	10	0.00	99.80	mg/L	100
06/2 <b>4</b> 08/06 08/17	/93 B /93 T					0.00 0.00		•	100 99
06/24 08/06 08/17 09/24	/93 B /93 T /93 T	B-07-02		CHGC3A309240800	10		99.80 99.00 101.00	mg/L	

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8015 - Nonhalogenated Volatile Organics

Spiked Analyte : 1,1-Dichloroethene continued

Type of Spike : Surrogate - Trip Blank

09/25/93	TB-11-02	CHGC3A309240800	100.00	96.80	mg/L	97
10/06/93	TB-14-02	CHGC3A310060800	100.00	99.80	mg/L	100
10/07/93	TB-20-01	CHGC3A310060800	100.00	99.10	mg/L	99

Number of Samples

: 18

Below acceptance :

Mean % Recovery Standard Deviation : 101.1 : 2.17

Above acceptance : 0

Acceptance Criteria 50-150

Method : SW8020 - Aromatic Volatile Organics

Spiked Analyte : 1,2-Dichlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	10.00	8.78	ug/L	88
09/16/93	LCS934250	GCJAY2309150130	10.00	8.31	ug/L	83
09/20/93	LCS934491	GCJAY2309201444	10.00	9.45	ug/L	95
09/21/93	LCS934506	GCJAY2309201444	10.00	9.24	ug/L	92
06/19/93	LCS931278	GCKAY1306190024	10.00	8.79	ug/L	88
06/19/93	LCS931279	GCKAY1306190024	10.00	9.52	ug/L	95
06/19/93	LCSCAL931274	GCKAY1306190024	10.00	9.68	ug/L	97
06/21/93	LCSCAL931331	GCKAY1306211455	10.00 -	9.69	ug/L	97
06/22/93	LCS931334	GCKAY1306211455	10.00	7.95	ug/L	80
06/22/93	LCSCAL931335	GCKAY1306221300	10.00	9.60	ug/L	96
06/23/93	LCS931365	GCKAY1306221300	10.00	9.13	ug/L	91
06/24/93	LCSCAL931416	GCKAY1306240932	10.00	9.46	ug/L	95
06/25/93	LCS931498	GCKAY1306240932	10.00	9.55	ug/L	95
08/09/93	LCS933122	GCKAY1308091931	10.00	9.40	ug/L	94
08/10/93	LCS933136	GCKAY1308091931	10.00	7.26	ug/L	73
08/16/93	LCS933413	GCPEA2308161047	10.00	9.97	ug/L	100
08/17/93	LCS933420	GCPEA2308161047	10.00	9.93	ug/L	99
06/09/93	LCS93-850	GCQUE2306091614	10.00	10.80	ug/L	108
06/10/93	LCS93933	GCQUE2306091614	10.00	9.27	ug/L	93
06/14/93	LCSCAL931078	GCQUE2306141634	10.00	9.56	ug/L	96
06/15/93	LCS931080	GCQUE2306141634	10.00	10.20	ug/L	102
09/22/93	LCS934526	GCQUE2309221453	10.00	9.34	ug/L	93
09/23/93	LCS934660	GCQUE2309221453	10.00	9.54	ug/L	95
06/15/93	LCSCAL931094	GCTEX2306152237	10.00	8.58	ug/L	86
06/16/93	LCS931163	GCTEX2306152237	10.00	8.24	ug/L	82
08/24/93	LCS933634	GCTEX2308242018	10.00	9.49	ug/L	95
08/25/93	LCS933640	GCTEX2308242018	10.00	8.84	ug/L	88
09/22/93	LCS934519	GCTEX2309221032	10.00	8.61	ug/L	86
09/23/93	LCS934532	GCTEX2309221032	10.00	8.25	ug/L	82
09/23/93	LCS934663	GCTEX2309231506	10.00	9.11	ug/L	91
09/24/93	LCS934672	GCTEX2309231506	10.00	9.45	ug/L	95
10/06/93	LCS934895	GCTEX2310061111	10.00	9.44	ug/L	94

DATE ORIG. AMOUNT AMOUNT RESULT UNIT RECOVERY-ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED

Method: SW8020 - Aromatic Volatile Organics Spiked Analyte: 1,2-Dichlorobenzene continued

Type of Spike : Laboratory Control

10/07/93 LCS934905 10.00 9.49 ug/L 95 GCTEX2310061111

Number of Samples Below acceptance : : 92.1 Mean % Recovery Above acceptance : 0 Standard Deviation : 6.94 Acceptance Criteria 37-154

Method: SW8020 - Aromatic Volatile Organics

Spiked Analyte: 1,3-Dichlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	10.00	9.31	ug/L	93
09/16/93	LCS934250	GCJAY2309150130	10.00	8.84	ug/L	88
09/20/93	LCS934491	GCJAY2309201444	10.00	10.10	ug/L	101
09/21/93	LCS934506	GCJAY2309201444	10.00	10.00	ug/L	100
06/19/93	LCS931278	GCKAY1306190024	10.00	9.15	ug/L	91
06/19/93	LCS931279	GCKAY1306190024	10.00	10.10	ug/L	101
06/19/93	LCSCAL931274	GCKAY1306190024	10.00	10.20	ug/L	102
06/21/93	LCSCAL931331	GCKAY1306211455	10.00	10.30	ug/L	103
06/22/93	LCS931334	GCKAY1306211455	10.00	9.01	ug/L	90
06/22/93	LCSCAL931335	GCKAY1306221300	10.00	10.20	ug/L	102
06/23/93	LCS931365	GCKAY1306221300	10.00	9.44	ug/L	94
06/24/93	LCSCAL931416	GCKAY1306240932	10.00	10.20	ug/L	102
06/25/93	LCS931498	GCKAY1306240932	10.00	9.92	ug/L	99
08/09/93	LCS933122	GCKAY1308091931	10.00	9.83	ug/L	98
08/10/93	LCS933136	GCKAY1308091931	10.00	8.45	ug/L	84
08/16/93	LCS933413	GCPEA2308161047	10.00	10.60	ug/L	106
08/17/93	LCS933420	GCPEA2308161047	10.00	10.70	ug/L	107
06/09/93	LCS93-850	GCQUE2306091614	10.00	11.20	ug/L	112
06/10/93	LCS93933	GCQUE2306091614	10.00	9.80	ug/L	98
06/14/93	LCSCAL931078	GCQUE2306141634	10.00	9.85	ug/L	99
06/15/93	LCS931080	GCQUE2306141634	10.00	10.70	ug/L	106
09/22/93	LCS934526	GCQUE2309221453	10.00	9.88	ug/L	99
09/23/93	LCS934660	GCQUE2309221453	10.00	10.10	ug/L	101
06/15/93	LCSCAL931094	GCTEX2306152237	10.00	8.92	ug/L	89
06/16/93	LCS931163	GCTEX2306152237	10.00	8.55	ug/L	86
08/24/93	LCS933634	GCTEX2308242018	10.00	9.92	ug/L	99
08/25/93	LCS933640	GCTEX2308242018	10.00	9.16	ug/L	92
09/22/93	LCS934519	GCTEX2309221032	10.00	8.95	ug/L	90
09/23/93	LCS934532	GCTEX2309221032	10.00	8.48	ug/L	85
09/23/93	LCS934663	GCTEX2309231506	10.00	9.46	ug/L	95
09/24/93	LCS934672	GCTEX2309231506	10.00	9.84	ug/L	98
10/06/93	LCS934895	GCTEX2310061111	10.00	9.81	ug/L	98
10/07/93	LCS934905	GCTEX2310061111	10.00	9.77	ug/L	98
Number of S	amples : 33	3	Below acceptance :	- 0		

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVER

Method : SW8020 - Aromatic Volatile Organics Spiked Analyte : 1,3-Dichlorobenzene continued

Type of Spike : Laboratory Control

Mean % Recovery : 97.2 Above acceptance : 0
Standard Deviation : 6.71 Acceptance Criteria 50-141

Method : SW8020 - Aromatic Volatile Organics

Spiked Analyte : 1,4-Dichlorobenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	10.00	8.84	ug/L	88
09/16/93	LCS934250	GCJAY2309150130	10.00	8.41	ug/L	84
09/20/93	LCS934491	GCJAY2309201444	10.00	9.71	ug/L	97
09/21/93	LCS934506	GCJAY2309201444	10.00	9.54	ug/L	95
06/19/93	LCS931278	GCKAY1306190024	10.00	8.73	ug/L	87
06/19/93	LCS931279	GCKAY1306190024	10.00	9.63	ug/L	96
06/19/93	LCSCAL931274	GCKAY1306190024	10.00	9.86	ug/L	99
06/21/93	LCSCAL931331	GCKAY1306211455	10.00	9.85	ug/L	99
06/22/93	LCS931334	GCKAY1306211455	10.00	8.53	ug/L	85
06/22/93	LCSCAL931335	GCKAY1306221300	10.00 -	9.57	ug/L	96
06/23/93	LCS931365	GCKAY1306221300	10.00	9.12	ug/L	91
06/24/93	LCSCAL931416	GCKAY1306240932	10.00	9.68	ug/L	97
06/25/93	LCS931498	GCKAY1306240932	10.00	9.46	ug/L	95
08/09/93	LCS933122	GCKAY1308091931	10.00	9.54	ug/L	95
08/10/93	LCS933136	GCKAY1308091931	10.00	7.94	ug/L	79
08/16/93	LCS933413	GCPEA2308161047	10.00	10.10	ug/L	101
08/17/93	LCS933420	GCPEA2308161047	10.00	10.20	ug/L	102
06/09/93	LCS93-850	GCQUE2306091614	10.00	10.70	ug/L	107
06/10/93	LCS93933	GCQUE2306091614	10.00	9.28	ug/L	93
06/14/93	LCSCAL931078	GCQUE2306141634	10.00	9.39	ug/L	94
06/15/93	LCS931080	GCQUE2306141634	10.00	10.10	ug/L	101
09/22/93	LCS934526	GCQUE2309221453	10.00	9.38	ug/L	94
09/23/93	LCS934660	GCQUE2309221453	10.00	9.54	ug/L	95
06/15/93	LCSCAL931094	GCTEX2306152237	10.00	8.51	ug/L	85
06/16/93	LCS931163	GCTEX2306152237	10.00	8.22	ug/L	82
08/24/93	LCS933634	GCTEX2308242018	10.00	9.44	ug/L	94
08/25/93	LCS933640 .	GCTEX2308242018	10.00	8.70	ug/L	87
09/22/93	LCS934519	GCTEX2309221032	10.00	8.48	ug/L	85
09/23/93	LCS934532	GCTEX2309221032	10.00	8.01	ug/L	80
09/23/93	LCS934663	GCTEX2309231506	10.00	8.93	ug/L	89
09/24/93	LCS934672	GCTEX2309231506	10.00	9.25	ug/L	93
10/06/93	LCS934895	GCTEX2310061111	10.00	9.27	ug/L	93
10/07/93	LCS934905	GCTEX2310061111	10.00	9.20	ug/L	92

Number of Samples : 33 Below acceptance : 0
Mean % Recovery : 92.4 Above acceptance : 0
Standard Deviation : 6.64 Acceptance Criteria 42-143

DATE ANALYZED	SAMPLE ID	ı	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	7 % RECOVERY
	5AMFEL 10				SFIRED	RECOVERED	UN11	
Method : SW8020 - /	Aromatic Volatil	e Organic	3					
Spiked Analyte : Benzene		•						,
-								
Type of Spike : Laboratory	y Control							
22 (27 (22								
09/15/93	LCS934242		GCJAY2309150130		10.00	8.98	ug/L	90
09/16/93	LCS934250		GCJAY2309150130		10.00	8.30	ug/L	83
09/20/93	LCS934491		GCJAY2309201444	•	10.00	9.62	ug/L	96
09/21/93	LCS934506		GCJAY2309201444		10.00	9.36	ug/L	94
06/19/93	LCS931278		GCKAY1306190024		10.00	8.56	ug/L	86
06/19/93	LCS931279		GCKAY1306190024		10.00	9.71	ug/L	97
06/19/93	LCSCAL931274		CKAY1306190024		10.00 .	10.30	ug/L	103
06/21/93	LCSCAL931331	(	GCKAY1306211455		10.00	10.10	ug/L	101
06/22/93	LCS931334	(	GCKAY1306211455		10.00	9.29	ug/L	93
06/22/93	LCSCAL931335	(	GCKAY1306221300		10.00	9.92	ug/L	99
06/23/93	LCS931365	6	GCKAY1306221300		10.00	8.94	ug/L	89
06/24/93	LCSCAL931416	6	GCKAY1306240932		10.00	10.80	ug/L	108
06/25/93	LCS931498	6	GCKAY1306240932		10.00	9.26	ug/L	93
08/09/93	LCS933122	6	CKAY1308091931		10.00	8.96	ug/L	90
08/10/93	LCS933136	6	CKAY1308091931		10.00	8.77	ug/L	88
08/16/93	LCS933413	e	CPEA2308161047		10.00	9.73	ug/L	97
08/17/93	LCS933420	9	CPEA2308161047		10.00	9.57	ug/L	96
10/04/93	LCS934882	6	CPEA2310041056		10.00	10.50	ug/L	105
10/05/93	LCS934887	e	CPEA2310041056		10.00	10.30	ug/L	103
10/05/93	LCS934889	G	CPEA2310041056		10.00	9.95	ug/L	100
06/09/93	LCS93-850	G	CQUE2306091614		10.00	10.00	ug/L	100
06/10/93	LCS93933	G	CQUE2306091614		10.00	9.10	ug/L	91
06/14/93	LCSCAL931078	G	CQUE2306141634		10.00	8.94	ug/L	89
06/15/93	LCS931080	G	CQUE2306141634		10.00	9.49	ug/L	95
09/22/93	LCS934526		CQUE2309221453		10.00	8.72	ug/L	87
09/23/93	LCS934660		CQUE2309221453		10.00	8.97	ug/L	90
06/15/93	LCSCAL931094		CTEX2306152237		10.00	8.51	ug/L	85
06/16/93	LCS931163		CTEX2306152237		10.00	8.22	ug/L	82
08/24/93	LCS933634	G	CTEX2308242018		LO.00	9.64	ug/L	96
08/25/93	LCS933640	G	CTEX2308242018		10.00	8.84	ug/L	88
09/22/93	LCS934519		CTEX2309221032		10.00	8.85	ug/L	89
09/23/93	LCS934532		CTEX2309221032		10.00	8.41	ug/L	84
09/23/93	LCS934663		CTEX2309231506		10.00	9.39	ug/L	94
09/24/93	LCS934672		CTEX2309231506		10.00	9.84	ug/L	98
10/06/93	LCS934895		CTEX2310061111		10.00	9.69	ug/L	97
10/07/93	LCS934905		CTEX2310061111		10.00	9.52	ug/L	95
							-5, <b>-</b>	
Number of Sampl	es :	36		Below acceptance	:	0		•
Mean % Recovery	:	93.6		Above acceptance	:	0		
Standard Deviat	ion :	6.42		Acceptance Crite	eria 3	9-150		

Type o	of	Spike	:	Matrix	Spike
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09/21/93 06-MW-07-01 MS GCJAY2309201444 0.01 10.00 10.20 ug/L 102 09/21/93 06-MW-07-01 MSD GCJAY2309201444 0.01 10.00 10.30 ug/L 103

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculate NR = Not Reported * = Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	~~~~~~						
Method : SW8020	- Aromatic Volatile	Organics					
Spiked Analyte : Benzen	e.continued						

Type of Spike : Matrix Spike

06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.42	10.00	10.80	ug/L	104
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.42	10.00	10.40	ug/L	100
06/22/93	06-MW-01-03 MS	GCKAY1306211455	0.48	10.00	11.70	ug/L	113
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	0.48	10.00	11.60	ug/L	111
06/23/93	05-MW-06-03 MS	GCKAY1306221300	0.03	10.00	10.00	ug/L	100
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	0.03	10.00	10.10	ug/L	100
06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.10	10.00	10.70	ug/L	106
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.10	10.00	9.88	ug/L	98
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.60	ug/L	106
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.60	ug/L	106
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.03	10.00	11.60	ug/L	115
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.03	10.00	11.50	ug/L	115
06/15/93	10-MW-03-03 MS	GCQUE2306141634	88.10	50.00	147.00	ug/L	118
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	88.10	50.00	144.00	ug/L	111
06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.48	10.00	8.70	ug/L	82
06/16/93	10-MW-01-03 MSD	GCTEX2306152237	0.48	10.00	9.32	ug/L	88
08/25/93	07-SW-03-01 MS	GCTEX2308242018	ND	10.00	10.00	ug/L	100
08/25/93	07-SW-03-01 MSD	GCTEX2308242018	ND	10.00 .	10.30	ug/L	103
09/23/93	05-MW-14-01	GCTEX2309231506	0.03	10.00	9.86	ug/L	98
09/23/93	05-MW-14-01	GCTEX2309231506	0.03	10.00	9.37	ug/L	93
10/06/93		GCTEX2310061111	0.42	10.00	9.96	ug/L	95
10/06/93	08-GP-01-01	GCTEX2310061111	0.42	10.00	10.40	ug/L	100
 						_	

Number of Samples : 24
Mean % Recovery : 102.8
Standard Deviation : 8.58

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 39-150

 $\begin{tabular}{lll} Method: $SW8020 - Aromatic Volatile Organics \\ Spiked Analyte: Chlorobenzene \end{tabular}$

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	10.00	9.29	ug/L	93
09/16/93	LCS934250	GCJAY2309150130	10.00	8.62	ug/L	86
09/20/93	LCS934491	GCJAY2309201444	10.00	9.92	ug/L	99
09/21/93	LCS934506	GCJAY2309201444	10.00	9.66	ug/L	97
06/19/93	LCS931278	GCKAY1306190024	10.00	8.93	ug/L	89
06/19/93	LCS931279	GCKAY1306190024	10.00	10.00	ug/L	100
06/19/93	LCSCAL931274	GCKAY1306190024	10.00	10.50	ug/L	105
06/21/93	LCSCAL931331	GCKAY1306211455	10.00	10.40	ug/L	104
06/22/93	LCS931334	GCKAY1306211455	10.00	9.57	ug/L	96
06/22/93	LCSCAL931335	GCKAY1306221300	10.00	10.10	ug/L	101
06/23/93	LCS931365	GCKAY1306221300	10.00	9.24	ug/L	92
06/24/93	LCSCAL931416	GCKAY1306240932	10.00	10.30	ug/L	103
06/25/93	LCS931498	GCKAY1306240932	10.00	9.70	ug/L	97

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID		BATCH ID		OUNT IKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
method : SW8U20 ked Analyte : Chloro) - Aromatic Volati obenzene continued	ie urgani	CS					
e of Spike : Laborat	tory Control							
08/09/93	LCS933122		GCKAY1308091931	10.	00	9.60	ug/L	96
08/10/93	LCS933136		GCKAY1308091931	10.	00	9.30	ug/L	93
08/16/93	LCS933413		GCPEA2308161047	10.	00	10.10	ug/L	101
08/17/93	LCS933420		GCPEA2308161047	10.	00	10.10	ug/L	101
06/09/93	LCS93-850		GCQUE2306091614	10.	00	11.10	ug/L	111
06/10/93	LCS93933		GCQUE2306091614	10.	00 .	9.75	ug/L	97
06/14/93	LCSCAL931078		GCQUE2306141634	10.	00	9.77	ug/L	98
06/15/93	LCS931080		GCQUE2306141634	10.	00	10.40	ug/L	104
09/22/93	LCS934526		GCQUE2309221453	10.	00	9.39	ug/L	94
09/23/93	LCS934660		GCQUE2309221453	10.	00	9.66	ug/L	97
06/15/93	LCSCAL931094		GCTEX2306152237	10.	00	8.89	ug/L	89
06/16/93	LCS931163		GCTEX2306152237	10.	00	8.53	ug/L	85
08/24/93	LCS933634		GCTEX2308242018	10.	00	10.10	ug/L	101
08/25/93	LCS933640		GCTEX2308242018	10.	00	9.26	ug/L	93
09/22/93	LCS934519		GCTEX2309221032	10.	00	9.20	ug/L	92
09/23/93	LCS934532		GCTEX2309221032	10.	00	8.82	ug/L	88
09/23/93	LCS934663		GCTEX2309231506	10.	00	9.71	ug/L	97
09/24/93	LCS934672		GCTEX2309231506	10.	00	10.10	ug/L	101
10/06/93	LCS934895		GCTEX2310061111	10.	00	10.00	ug/L	100
10/07/93	LCS934905		GCTEX2310061111	10.	00	9.97	ug/L	100
Number of S	Samples	: 33		Below acceptance :		0		
Mean % Reco	overy	97.0		Above acceptance :		0		
Standard De	eviation	5.83	3	Acceptance Criteri	a 5	5-135	•	

Method : SW8020 - Aromatic Volatile Organics

Spiked Analyte : Ethylbenzene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	10.00	10.40	ug/L	104
09/16/93	LCS934250	GCJAY2309150130	10.00	9.75	ug/L	97
09/20/93	LCS934491	GCJAY2309201444	10.00	11.00	ug/L	110
09/21/93	LCS934506	GCJAY2309201444	10.00	10.90	ug/L	109
06/19/93	LCS931278	GCKAY1306190024	10.00	9.30	ug/L	93
06/19/93	LCS931279	GCKAY1306190024	10.00	10.60	ug/L	106
06/19/93	LCSCAL931274	GCKAY1306190024	10.00	11.00	ug/L	110
06/21/93	LCSCAL931331	GCKAY1306211455	10.00	10.90	ug/L	109
06/22/93	LCS931334	GCKAY1306211455	10.00	10.00	ug/L	100
06/22/93	LCSCAL931335	GCKAY1306221300	10.00	10.60	ug/L	106
06/23/93	LCS931365	GCKAY1306221300	10.00	9.71	ug/L	97
06/24/93	LCSCAL931416	GCKAY1306240932	10.00	10.80	ug/L	108
06/25/93	LCS931498	GCKAY1306240932	10.00	10.20	ug/L	102
08/09/93	LCS933122	GCKAY1308091931	10.00	10.20	ug/L	102
08/10/93	LCS933136	GCKAY1308091931	10.00	9.86	ug/L	99

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report

			~				
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8020 - Aromatic Volatile Organics

Spiked Analyte : Ethylbenzene continued

Type of Spike : Laboratory Control

08/16/93	LCS933413	GCPEA2308161047	10.00	10.70	ug/L	107
08/17/93	LCS933420	GCPEA2308161047	10.00	10.70	ug/L	107
10/04/93	LCS934882	GCPEA2310041056	10.00	11.50	ug/L	115
10/05/93	LCS934887	GCPEA2310041056	10.00	11.40	ug/L	114
10/05/93	LCS934889	GCPEA2310041056	10.00	11.10	ug/L	111
06/09/93	LCS93-850	GCQUE2306091614	10.00	11.40	ug/L	114
06/10/93	LCS93933	GCQUE2306091614	10.00	10.30	ug/L	103
06/14/93	LCSCAL931078	GCQUE2306141634	10.00	10.10	ug/L	101
06/15/93	LCS931080	GCQUE2306141634	10.00	10.90	ug/L	109
09/22/93	LCS934526	GCQUE2309221453	10.00	9.97	ug/L	100
09/23/93	LCS934660	GCQUE2309221453	10.00	10.30	ug/L	103
06/15/93	LCSCAL931094	GCTEX2306152237	10.00	9.22	ug/L	92
06/16/93	LCS931163	GCTEX2306152237	10.00	8.77	ug/L	88
08/24/93	LCS933634	GCTEX2308242018	10.00	10.40	ug/L	104
08/25/93	LCS933640	GCTEX2308242018	10.00	9.57	ug/L	96
09/22/93	LCS934519	GCTEX2309221032	10.00 .	9.55	ug/L	96
09/23/93	LCS934532	GCTEX2309221032	10.00	9.08	ug/L	91
09/23/93	LCS934663	GCTEX2309231506	10.00	10.10	ug/L	101
09/24/93	LCS934672	GCTEX2309231506	10.00	10.50	ug/L	104
10/06/93	LCS934895	GCTEX2310061111	10.00	10.40	ug/L	104
10/07/93	LCS934905	GCTEX2310061111	10.00	10.30	ug/L	103

Number of Samples Mean % Recovery

Standard Deviation

: 36 : 103.2 : 6.63

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 32-160

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	ND	10.00	10.90	ug/L	109
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	ND	10.00	11.00	ug/L	110
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.38	10.00	10.20	ug/L	99
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.38	10.00	11.00	ug/L	106
06/22/93	06-MW-01-03 MS	GCKAY1306211455	ND	10.00	10.70	ug/L	107
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	ND	10.00	10.90	ug/L	109
06/23/93	05-MW-06-03 MS	GCKAY1306221300	ND	10.00	9.83	ug/L	98
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	ND	10.00	10.10	ug/L	101
06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.04	10.00	10.50	ug/L	104
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.04	10.00	9.79	ug/L	97
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.80	ug/L	108
10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	10.00	10.70	ug/L	107
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	10.00	11.90	ug/L	119
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	10.00	12.00	ug/L	120
06/15/93	10-MW-03-03 MS	GCQUE2306141634	0.15	50.00	57.40	ug/L	115
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	0.15	50.00	56.90	ug/L	113
06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.04	10.00	8.15	ug/L	81

)									
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY	
	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%	

Method: SW8020 - Aromatic Volatile Organics

Spiked Analyte : Ethylbenzene continued

Type of Spike : Matrix Spike

GCTEX2306152237	0.04	10.00	8.87	ug/L	88	
GCTEX2308242018	ND	10.00	10.10	ug/L	101	
GCTEX2308242018	ND	10.00	10.30	ug/L	103	
GCTEX2309231506	ND	10.00	9.60	ug/L	96	
GCTEX2309231506	ND	10.00	10.10	ug/L	101	
GCTEX2310061111	0.19	10.00	9.76	ug/L	96	
GCTEX2310061111	0.19	10.00	10.20	ug/L	100	
	GCTEX2308242018 GCTEX2308242018 GCTEX2309231506 GCTEX2309231506 GCTEX2310061111	GCTEX2308242018 ND GCTEX2308242018 ND GCTEX2309231506 ND GCTEX2309231506 ND GCTEX2310061111 0.19	GCTEX2308242018 ND 10.00 GCTEX2308242018 ND 10.00 GCTEX2309231506 ND 10.00 GCTEX2309231506 ND 10.00 GCTEX2310061111 0.19 10.00	GCTEX2308242018 ND 10.00 10.10 GCTEX2308242018 ND 10.00 10.30 GCTEX2309231506 ND 10.00 9.60 GCTEX2309231506 ND 10.00 10.10 GCTEX2310061111 0.19 10.00 9.76	GCTEX2308242018 ND 10.00 10.10 ug/L GCTEX2308242018 ND 10.00 10.30 ug/L GCTEX2309231506 ND 10.00 9.60 ug/L GCTEX2309231506 ND 10.00 10.10 ug/L GCTEX2310061111 0.19 10.00 9.76 ug/L	GCTEX2308242018 ND 10.00 10.10 ug/L 101 GCTEX2308242018 ND 10.00 10.30 ug/L 103 GCTEX2309231506 ND 10.00 9.60 ug/L 96 GCTEX2309231506 ND 10.00 10.10 ug/L 101 GCTEX2310061111 0.19 10.00 9.76 ug/L 96

Number of Samples : 24
Mean % Recovery : 103.7
Standard Deviation : 9.02

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 32-160

Method: SW8020 - Aromatic Volatile Organics

Spiked Analyte : Toluene

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	10.00	9.36	ug/L	94
09/16/93	LCS934250	GCJAY2309150130	10.00	8.63	ug/L	86
09/20/93	LCS934491	GCJAY2309201444	10.00	9.99	ug/L	100
09/21/93	LCS934506	GCJAY2309201444	10.00	9.80	ug/L	98
06/19/93	LCS931278	GCKAY1306190024	10.00	8.90	ug/L	89
06/19/93	LCS931279	GCKAY1306190024 ·	10.00	10.20	ug/L	102
06/19/93	LCSCAL931274	GCKAY1306190024	10.00	10.70	ug/L	107
06/21/93	LCSCAL931331	GCKAY1306211455	10.00	10.60	ug/L	106
06/22/93	LCS931334	GCKAY1306211455	10.00	9.75	ug/L	97
06/22/93	LCSCAL931335	GCKAY1306221300	10.00	10.30	ug/L	103
06/23/93	LCS931365	GCKAY1306221300	10.00 ·	9.36	ug/L	94
06/24/93	LCSCAL931416	GCKAY1306240932	10.00	10.70	ug/L	107
06/25/93	LCS931498	GCKAY1306240932	10.00	9.79	ug/L	98
08/09/93	LCS933122	GCKAY1308091931	10.00	9.68	ug/L	97
08/10/93	LCS933136	GCKAY1308091931	10.00	9.46	ug/L	95
08/16/93	LCS933413	GCPEA2308161047	10.00	10.40	ug/L	104
08/17/93	LCS933420	GCPEA2308161047	10.00	10.30	ug/L	103
10/04/93	LCS934882	GCPEA2310041056	10.00	11.10	ug/L	111
10/05/93	LCS934887	GCPEA2310041056	10.00	10.90	ug/L	109
10/05/93	LCS934889	GCPEA2310041056	10.00	10.70	ug/L	107
06/09/93	LCS93-850	GCQUE2306091614	10.00	11.10	ug/L	111
06/10/93	LCS93933	GCQUE2306091614	10.00	9.82	ug/L	98
06/14/93	LCSCAL931078	GCQUE2306141634	10.00	9.64	ug/L	96
06/15/93	LCS931080	GCQUE2306141634	10.00	10.40	ug/L	104
09/22/93	LCS934526	GCQUE2309221453	10.00	9.44	ug/L	94
09/23/93	LCS934660	GCQUE2309221453	10.00	9.70	ug/L	97
06/15/93	LCSCAL931094	GCTEX2306152237	10.00	8.87	ug/L	89
06/16/93	LCS931163	GCTEX2306152237	10.00	8.59	ug/L	86

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8020 - Aromatic Volatile Organics

Spiked Analyte : Toluene continued

Type of Spike : Laboratory Control

08/24/93	LCS933634	GCTEX2308242018	10.00	10.00	ug/L	100
08/25/93	LCS933640	GCTEX2308242018	10.00	9.28	ug/L	93
09/22/93	LCS934519	GCTEX2309221032	10.00	9.25	ug/L	92
09/23/93	LCS934532	GCTEX2309221032	10.00	8.81	ug/L	88
09/23/93	LCS934663	GCTEX2309231506	10.00	9.79	ug/L	98
09/24/93	LCS934672	GCTEX2309231506	10.00	10.10	ug/L	101
10/06/93	LCS934895	GCTEX2310061111	10.00	10.10	ug/L	101
10/07/93	LCS934905	GCTEX2310061111	10.00	9.98	ug/L	100

: 36 Number of Samples Mean % Recovery : 98.8
Standard Deviation : 6.74

Below acceptance : Above acceptance : 0

Acceptance Criteria 46-148

Type of Spike: Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	0.11	10.00	10.10	ug/L	99
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	0.11	10.00	10.20	ug/L	101
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.71	10.00	10.20	ug/L	95
06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	0.71	10.00	10.60	ug/L	99
06/22/93	06-MW-01-03 MS	GCKAY1306211455	0.16	10.00	10.90	ug/L	108
06/22/93	06-MW-01-03 MSD	GCKAY1306211455	0.16	10.00	11.10	ug/L	109
06/23/93	05-MW-06-03 MS	GCKAY1306221300	0.07	10.00	9.81	ug/L	97
06/23/93	05-MW-06-03 MSD	GCKAY1306221300	0.07	10.00	9.94	ug/L	99
06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.12	10.00	10.50	ug/L	104
06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.12	10.00	9.73	ug/L	96
10/04/93	08-SW-01-DS-01	GCPEA2310041056	0.05	10.00	10.60	ug/L	106
10/04/93	08-SW-01-DS-01	GCPEA2310041056	0.05	10.00	10.60	ug/L	105
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.02	10.00	11.70	ug/L	117
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	0.02	10.00	11.80	ug/L	117
06/15/93	10-MW-03-03 MS	GCQUE2306141634	0.16	50.00	56.40	ug/L	113
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	0.16	50.00	56.00	ug/L	112
06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.11	10.00	8.57	ug/L	85
06/16/93	10-MW-01-03 MSD	GCTEX2306152237	0.11	10.00	8.89	ug/L	88
08/25/93	07-SW-03-01 MS	GCTEX2308242018	0.03	10.00	9.92	ug/L	99
08/25/93	07-SW-03-01 MSD	GCTEX2308242018	0.03	10.00	10.20	ug/L	102
09/23/93	05-MW-14-01	GCTEX2309231506	0.02	10.00	9.38	ug/L	94
09/23/93	05-MW-14-01	GCTEX2309231506	0.02	10.00	9.81	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111	0.98	10.00 .	10.70	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111	0.98	10.00	10.30	ua/L	93

: 24 : 101.4 : 8.30 Number of Samples Mean % Recovery

Below acceptance :

Standard Deviation

Above acceptance : 0

Acceptance Criteria 46-148

DATE ORIG. AMOUNT AMOUNT RESULT RECOVERY BATCH ID RESULT SPIKED RECOVERED UNIT ANALYZED SAMPLE ID

Method: SW8020 - Aromatic Volatile Organics

Spiked Analyte : Xylene (total)

Type of Spike : Laboratory Control

09/15/93	LCS934242	GCJAY2309150130	30.00	28.50	ug/L	95
09/16/93	LCS934250	GCJAY2309150130	30.00	26.80	ug/L	89
09/20/93	LCS934491	GCJAY2309201444	30.00	30.70	ug/L	102
09/21/93	LCS934506	GCJAY2309201444	30.00	30.30	ug/L	101
06/19/93	LCS931278	GCKAY1306190024	30.00	26.80	ug/L	89
06/19/93	LCS931279	GCKAY1306190024	30.00 ·	30.40	ug/L	101
06/19/93	LCSCAL931274	GCKAY1306190024	30.00	31.50	ug/L	105
06/21/93	LCSCAL931331	GCKAY1306211455	30.00	31.10	ug/L	104
06/22/93	LCS931334	GCKAY1306211455	30.00	28.70	ug/L	96
06/22/93	LCSCAL931335	GCKAY1306221300	30.00	30.40	ug/L	101
06/23/93	LCS931365	GCKAY1306221300	30.00	27.80	ug/L	93
06/24/93	LCSCAL931416	GCKAY1306240932	30.00	31.30	ug/L	104
06/25/93	LCS931498	GCKAY1306240932	30.00	29.40	ug/L	98
08/09/93	LCS933122	GCKAY1308091931	30.00	31.00	ug/L	103
08/10/93	LCS933136	GCKAY1308091931	30.00	29.50	ug/L	98
08/16/93	LCS933413	GCPEA2308161047	30.00	32.20	ug/L	107
08/17/93	LCS933420	GCPEA2308161047	30.00	32.10	ug/L	107
10/04/93	LCS934882	GCPEA2310041056	30.00	34.30	ug/L	114
10/05/93	LCS934887	GCPEA2310041056	30.00	34.10	ug/L	114
10/05/93	LCS934889	GCPEA2310041056	30.00	33.10	ug/L	110
06/09/93	LCS93-850	GCQUE2306091614	30.00	33.80	ug/L	113
06/10/93	LCS93933	GCQUE2306091614	30.00	29.70	ug/L	99
06/14/93	LCSCAL931078	GCQUE2306141634	30.00	29.40	ug/L	98
06/15/93	LCS931080	GCQUE2306141634	30.00	32.00	ug/L	107
09/22/93	LCS934526	GCQUE2309221453	30.00	29.90	ug/L	100
09/23/93	LCS934660	GCQUE2309221453	30.00	30.70	ug/L	102
06/15/93	LCSCAL931094	GCTEX2306152237	30.00	26.70	ug/L	89
06/16/93	LCS931163	GCTEX2306152237	30.00 .	25.50	ug/L	85
08/24/93	LCS933634	GCTEX2308242018	30.00	30.00	ug/L	100
08/25/93	LCS933640	GCTEX2308242018	30.00	27.60	ug/L	92
09/22/93	LCS934519	GCTEX2309221032	30.00	27.50	ug/L	92
09/23/93	LCS934532	GCTEX2309221032	30.00	26.20	ug/L	87
09/23/93	LCS934663	GCTEX2309231506	30.00	29.00	ug/L	97
09/24/93	LCS934672	GCTEX2309231506	30.00	30.20	ug/L	101
10/06/93	LCS934895	GCTEX2310061111	30.00	29.90	ug/L	100
10/07/93	LCS934905	GCTEX2310061111	30.00	29.70	ug/L	99

Number of Samples

: 36

Below acceptance : Above acceptance :

0 0

Mean % Recovery Standard Deviation

: 99.8 : 7.33

Acceptance Criteria 61-129

Type of Spike : Matrix Spike

09/21/93	06-MW-07-01 MS	GCJAY2309201444	ND	30.00	30.30	ug/L	101
09/21/93	06-MW-07-01 MSD	GCJAY2309201444	ND	30.00	29.30	ug/L	98

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

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DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
							<del></del>

Method : SW8020 - Aromatic Volatile Organics

Spiked Analyte : Xylene (total) continued

Type of Spike : Matrix Spike

			•					
	06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	1.30	30.00	32.00	ug/L	102
	06/19/93	07-MW-02-DS-03 M	GCKAY1306190024	1.30	30.00	29.90	ug/L	95
	06/22/93	06-MW-01-03 MS	GCKAY1306211455	0.03	30.00	31.30	ug/L	104
	06/22/93	06-MW-01-03 MSD	GCKAY1306211455	0.03	30.00	31.80	ug/L	106
	06/23/93	05-MW-06-03 MS	GCKAY1306221300	0.05	30.00	28.60	ug/L	95
	06/23/93	05-MW-06-03 MSD	GCKAY1306221300	0.05	30.00	29.40	ug/L	98
	06/24/93	02-GW-03-03 MS	GCKAY1306240932	0.16	30.00	30.80	ug/L	102
	06/24/93	02-GW-03-03 MSD	GCKAY1306240932	0.16	30.00	28.90	ug/L	96
	10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	30.00	32.90	ug/L	110
	10/04/93	08-SW-01-DS-01	GCPEA2310041056	ND	30.00	32.60	ug/L	109
	06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	30.00	36.00	ug/L	120
	06/10/93	12-MW-02-DS-03 M	GCQUE2306091614	ND	30.00	35.70	ug/L	119
-	06/15/93	10-MW-03-03 MS	GCQUE2306141634	15.00	150.00	200.00	ug/L	123
1	06/15/93	10-MW-03-03 MSD	GCQUE2306141634	15.00	150.00	196.00	ug/L	121
	06/16/93	10-MW-01-03 MS	GCTEX2306152237	0.17	30.00	29.90	ug/L	99
	06/16/93	10-MW-01-03 MSD	GCTEX2306152237	0.17	30.00	26.20	ug/L	87
	08/25/93	07-SW-03-01 MS	GCTEX2308242018	0.02	30.00	29.60	ug/L	98
(	08/25/93	07-SW-03-01 MSD	GCTEX2308242018	0.02	30.00	30.40	ug/L	101
(	09/23/93	05-MW-14-01	GCTEX2309231506	0.03	30.00	29.60	ug/L	99
	09/23/93	05-MW-14-01	GCTEX2309231506	0.03	30.00	28.20	ug/L	94
	10/06/93	08-GP-01-01	GCTEX2310061111	0.98	30.00	29.00	ug/L	93
:	10/06/93	08-GP-01-01	GCTEX2310061111	0.98	30.00	30.40	ug/L	98

Number of Samples : 24 Mean % Recovery : 102.8

Standard Deviation : 9.60 Below acceptance :

Above acceptance : Acceptance Criteria 61-129

Method : SW8020 - Aromatic Volatile Organics

Spiked Analyte : 1,4-Bromofluorobenzene

Type of Spike : Surrogate - Ambient Blank

09/23/93	AB-08	GCJAY2309231030	20.00	21.90	ug/L	110
09/24/93	AB-09	GCJAY2309231030	20.00	20.50	ug/L	103
06/19/93	BA-04	GCKAY1306190024	20.00	16.50	ug/L	83
06/19/93	BA-05	GCKAY1306190024	20.00	19.10	ug/L	95
06/22/93	BA-06	GCKAY1306211455	20.00 -	18.40	ug/L	92
06/23/93	BA-07	GCKAY1306221300	20.00	17.40	ug/L	87
06/23/93	BA-08	GCKAY1306221300	20.00	18.60	ug/L	93
06/23/93	BA-09	GCKAY1306221300	20.00	18.00	ug/L	90
06/15/93	BA-01	GCTEX2306141311	20.00	15.00	ug/L	75
06/16/93	BA-02	GCTEX2306152237	20.00	18.10	ug/L	90
09/23/93	AB-07	GCTEX2309221032	20.00	18.10	ug/L	90
09/24/93	AB-10	GCTEX2309231506	20.00	18.20	ug/L	91
09/24/93	AB-11	GCTEX2309231506	20.00	18.60	ug/L	93

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ORIG. AMOUNT AMOUNT RESULT SPIKED RECOVERED RECOVERY ANALYZED SAMPLE ID BATCH ID RESULT UNIT -----Method: SW8020 - Aromatic Volatile Organics Spiked Analyte: 1,4-Bromofluorobenzene continued Type of Spike : Surrogate - Ambient Blank Number of Samples : 13 Below acceptance : 0 Mean % Recovery : 91.7 Above acceptance : . 0 Standard Deviation Acceptance Criteria 59-142 8.48 Type of Spike : Surrogate - Equipment Blank 06/24/93 04-MW-01-EB-03 GCKAY1306240932 20.00 18.00 ug/L 90 20.00 10/07/93 08-GP-01-EB-01 GCTEX2310061111 18.30 Number of Samples Below acceptance : 0 : 91.0 Mean % Recovery Above acceptance : 0 Standard Deviation : 1.41 Acceptance Criteria 59-142 Type of Spike : Surrogate - Field Duplicate 09/21/93 06-MW-07-DS-01 GCJAY2309201444 20.00 20.50 ug/L 102 ug/L 94 06/19/93 07-MW-02-DS-03 GCKAY1306190024 20.00 18.70 20.00 16.80 ug/L 84 06/24/93 02-GW-03-DS-03 GCKAY1306240932 06/24/93 05-MW-03-DS-03 GCKAY1306240932 5000.00 4590.00 ug/L 92 21.20 20.00 10/04/93 08-SW-01-DS-01 GCPEA2310041056 ug/L 106 ug/L 103 06/10/93 12-MW-02-DS-03 GCQUE2306091614 20.00 20.70 09/24/93 05-MW-14-DS-01 GCTEX2309231506 20.00 19.00 ug/L 95 Number of Samples : 7 0 Below acceptance : : 96.6 Mean % Recovery Above acceptance : : 7.61 Standard Deviation Acceptance Criteria 59-142 Type of Spike : Surrogate - Laboratory Control 09/15/93 LCS934242 GCJAY2309150130 20.00 20.20 ug/L 101 09/16/93 LCS934250 GCJAY2309150130 20.00 20.60 ug/L 103 09/20/93 LCS934491 GCJAY2309201444 20.00 20.10 ug/L 100 09/21/93 LCS934506 GCJAY2309201444 20.00 20.00 ug/L 100 06/19/93 LCS931278 GCKAY1306190024 20.00 18.30 ug/L 91 GCKAY1306190024 06/19/93 20.00 18.50 LCS931279 ug/L 92 06/19/93 LCSCAL931274 GCKAY1306190024 20.00 18.50 ug/L 93 GCKAY1306211455 20.00 19.00 06/21/93 LCSCAL931331 ug/L 95 06/22/93 LCS931334 GCKAY1306211455 20.00 17.40 ug/L 06/22/93 LCSCAL931335 GCKAY1306221300 20.00 18.20 ug/L 91 06/23/93 LCS931365 GCKAY1306221300 20.00 17.10 ug/L 86 20.00 06/24/93 LCSCAL931416 GCKAY1306240932 18.20 ug/L 91 06/25/93 LCS931498 GCKAY1306240932 20.00 19.50 ug/L 97

08/09/93

GCKAY1308091931

18.20

20.00

LCS933122

ug/L

			ORIG. AMOU		RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT SPIK	(ED RECOVERED	UNIT	RECOVER
	) - Aromatic Volatile Org					
oiked Analyte : 1,4-Br	romofluorobenzene continu	ed				
pe of Spike : Surroga	te - Laboratory Control					
08/10/93	LCS933136	GCKAY1308091931	20.00	16.60	ug/L	83
08/16/93	LCS933413	GCPEA2308161047	20.00	19.60	ug/L	98
08/17/93	LCS933420	GCPEA2308161047	20.00	18.50	ug/L	93
10/04/93	LCS934882	GCPEA2310041056	20.00	22.10	ug/L	110
10/05/93	LCS934887	GCPEA2310041056	20.00	19.90	ug/L	99
10/05/93	LCS934889	GCPEA2310041056	20.00	20.60	ug/L	103
06/09/93	LCS93-850	GCQUE2306091614	20.00	24.20	ug/L	121
06/10/93	LCS93933	、GCQUE2306091614	20.00	22.80	ug/L	114
06/14/93	LCSCAL931078	GCQUE2306141634	20.00	20.30	ug/L	101
06/15/93	LCS931080	GCQUE2306141634	20.00	20.40	ug/L	102
09/22/93	LCS934526	GCQUE2309221453	20.00	19.40	ug/L	97
09/23/93	LCS934660	GCQUE2309221453	20.00	21.00	ug/L	105
06/15/93	LCSCAL931094	GCTEX2306152237	20.00	. 15.90	ug/L	80
06/16/93	LCS931163	GCTEX2306152237	20.00	17.20	ug/L	86
08/24/93	LCS933634	GCTEX2308242018	20.00	19.90	ug/L	100
08/25/93	LCS933640	GCTEX2308242018	20.00	19.40	ug/L	97
09/22/93	LCS934519	GCTEX2309221032	20.00	16.60	ug/L	83
09/23/93	LCS934532	GCTEX2309221032	20.00	18.60	ug/L	93
09/23/93	LCS934663	GCTEX2309231506	20.00	18.20	ug/L	91
09/24/93	LCS934672	GCTEX2309231506	20.00	18.10	ug/L	90
10/06/93	LCS934895	GCTEX2310061111	20.00	19.10	ug/L	96
10/07/93	LCS934905	GCTEX2310061111	20.00	18.30	ug/L	92
Number of S	amples : 36	·	Below acceptance :	0		
Mean % Reco	very : 95	.9	Above acceptance :	0		
	viation : 8		Acceptance Criteria			

06/23/93

06/23/93

06/24/93

06/24/93

10/04/93

10/04/93

06/10/93

06/10/93

06/15/93

06/15/93

GCKAY1306221300

GCKAY1306221300

GCKAY1306240932

GCKAY1306240932

GCPEA2310041056

GCPEA2310041056

GCQUE2306091614

GCQUE2306091614

GCQUE2306141634

GCQUE2306141634

17.00

18.50

18.20

17.80

20.40

21.20

25.70

22.00

102.00

114.00

ug/L

85

92

91

89

102

106

128

110

102

114

20.00

20.00

20.00

20.00

20.00

20.00

20.00

20.00

100.00

100.00

05-MW-06-03 MS

05-MW-06-03 MSD

02-GW-03-03 MS

02-GW-03-03 MSD

08-SW-01-DS-01

08-SW-01-DS-01

12-MW-02-DS-03 M

12-MW-02-DS-03 M

10-MW-03-03 MS

10-MW-03-03 MSD

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. AMOUN RESULT SPIKE	T AMOUNT  RECOVERED	RESULT UNIT	% RECOV
				·		
Method : SW8020 piked Analyte : 1,4-Br	- Aromatic Volatil comofluorobenzene co	<del>-</del>			,	
ype of Spike : Surroga	te - Matrix Spike					
06/16/93	10-MW-01-03 MS	GCTEX2306152237	20.00	. 17.90	ug/L	90
06/16/93	10-MW-01-03 MS	D GCTEX2306152237	20.00	19.90	ug/L	100
08/25/93	07-SW-03-01 MS	GCTEX2308242018	20.00	19.60	ug/L	98
08/25/93	07-SW-03-01 MS	GCTEX2308242018	20.00	18.60	ug/L	93
09/23/93	05-MW-14-01	GCTEX2309231506	20.00	18.50	ug/L	92
09/23/93	05-MW-14-01	GCTEX2309231506	20.00	19.50	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111	20.00	19.50	ug/L	98
10/06/93	08-GP-01-01	GCTEX2310061111	20.00	19.50	ug/L	97
Number of S	amples :	24	Below acceptance :	0		
Mean % Reco	very :	98.0	Above acceptance :	0		
Standard De	eviation :	9.76	Acceptance Criteria	59-142		
09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93	BLK932371 BLK932379 BLK93552 BLK93695 BLK93698 BLK93704 BLK931827 BLK931977 BLK932891 BLK93460	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	20.00 20.90 18.40 19.00 17.30 17.10 17.80 18.20 20.90 23.40 20.90	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	100 105 92 95 86 86 89 91 105 117 105
06/14/93	BLK93545	GCQUE2306141634	20.00	20.90	ug/L ug/L	105
09/22/93	BLK932686	GCQUE2309221453	20.00 20.00	16.50	ug/L ug/L	82
06/16/93	BLK93548	GCTEX2306152237	20.00	19.20	ug/L ug/L	96
08/24/93	BLK931998	GCTEX2308242018 GCTEX2309221032	20.00	17.10	ug/L ug/L	86
09/22/93	BLK932683		20.00	18.30	ug/L ug/L	92
09/23/93 10/06/93	BLK932690 BLK932895	GCTEX2309231506 GCTEX2310061111	20.00	19.40	ug/L	97
Number of S Mean % Reco Standard De	overy :	17 95.8 9.30	Below acceptance : Above acceptance : Acceptance Criteria	0 0 59-142		<b></b>
ype of Spike : Surrog	yate - Normal Sample					
	10-MW-04-01	GCJAY2309150130	20.00	19.90	ug/L	99
09/15/93		CC 1AV2200201 444	20.00	20.50	ug/L	102
09/15/93 09/21/93	05-MW-13-01	GCJAY2309201444				
	05-MW-13-01 06-MW-07-01	GCJAY2309201444	20.00	20.90	ug/L	104
09/21/93				20.90	ug/L ug/L	104 102

NC = Not Calculable

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8020 - Aromatic Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene continued

Type of Spike : Surrogate - Normal Sample

Spike : Surroga	ite - Normal Sample					
06/19/93	01- <b>MW</b> -02-03	GCKAY1306190024	20.00	17.90	ug/L	90
06/19/93	06-MW-03-03	GCKAY1306190024	20.00	16.90	ug/L	85
06/19/93	07-MW-02-03	GCKAY1306190024	20.00	18.40	ug/L	92
06/19/93	09-MW-01-03	GCKAY1306190024	20.00	18.40	ug/L	92
06/19/93	09-MW-02-03	GCKAY1306190024	20.00	18.20	ug/L	91
06/19/93	09-MW-03-03	GCKAY1306190024	20.00	18.60	ug/L	93
06/19/93	09-MW-04-03	GCKAY1306190024	20.00	19.60	ug/L	98
06/19/93	09-MW-05-03	GCKAY1306190024	20.00	19.20	ug/L	96
06/19/93	09-MW-06-03	GCKAY1306190024	20.00	18.00	ug/L	90
06/19/93	10-MW-02-03	GCKAY1306190024	500.00	484.00	ug/L	97
06/21/93	06-MW-01-03	GCKAY1306211455	20.00	19.30	ug/L	96
06/22/93	06-MW-02-03	GCKAY1306211455	20.00	20.00	ug/L	100
06/22/93	06-MW-04-03	GCKAY1306211455	100.00	98.20	ug/L ug/L	98
06/22/93	05-MW-01-03	GCKAY1306221300	20.00	20.30	ug/L	101
06/22/93	05-MW-02-03	GCKAY1306221300	20.00	18.50	ug/L ug/L	92
06/23/93	05-MW-03-03	GCKAY1306221300	5000.00	4370.00	ug/L ug/L	87
06/23/93	05-MW-06-03	GCKAY1306221300	20.00	17.70	ug/L ug/L	88
06/24/93	02-GW-03-03	GCKAY1306240932	20.00	18.30	ug/L	92
06/24/93	05-MW-04-03	GCKAY1306240932	40000.00	36700.00	ug/L	92
06/24/93	05-MW-05-03	GCKAY1306240932	2000.00	1780.00	ug/L	89
08/10/93	07-MW-04-03	GCKAY1308091931	20.00	16.80	ug/L	84
08/16/93	07-MW-01-03	GCPEA2308161047	20.00	18.90	ug/L	95
08/16/93	07-MW-03-03	GCPEA2308161047	20.00	18.20	ug/L	91
10/04/93	08-SW-01-01	GCPEA2310041056	20.00	21.00	ug/L	105
10/04/93	08-SW-02-01	GCPEA2310041056	20.00	20.20	ug/L	101
10/04/93	08-SW-03-01	GCPEA2310041056	20.00	20.70	ug/L	104
10/05/93	22-GP-01-01	GCPEA2310041056	20.00	20.60	ug/L	103
10/05/93	22-GP-02-01	GCPEA2310041056	20.00	20.90	ug/L	104
10/05/93	22-GP-03-01	GCPEA2310041056	20.00	20.70	ug/L	103
06/09/93	12-MW-01-03	GCQUE2306091614	20.00	21.40	ug/L	107
06/10/93	04-MW-02-03	GCQUE2306091614	20.00	19.40	ug/L	97
06/10/93	04-MW-03-03	GC0UE2306091614	20.00	20.90	ug/L ug/L	104
06/10/93	12-MW-02-03	GCQUE2306091614	20.00	24.10	ug/L ug/L	120
06/14/93	10-MW-03-03	GCQUE2306141634	100.00		ug/L	102
09/23/93	01-MW-07-01	GCQUE2309221453	20.00	20.70	ug/L	104
09/23/93	01-MW-08-01 .	GCQUE2309221453	20.00	20.30	ug/L	101
06/16/93	10-MW-01-03	GCTEX2306152237	20.00	16.80	ug/L	84
08/25/93	07-SW-03-01	GCTEX2308242018	20.00	19.40	ug/L	97
08/25/93	07-SW-04-01	GCTEX2308242018	20.00	20.10	ug/L	101
08/25/93	07-SW-05-01	GCTEX2308242018	20.00	19.20	ug/L	96
08/25/93	07-SW-06-01	GCTEX2308242018	20.00	19.00	ug/L	95
08/25/93	07-SW-07-01	GCTEX2308242018	20.00	18.90	ug/L	94
09/23/93	09-MW-15-01	GCTEX2309221032	20.00	17.60	ug/L ug/L	88
09/23/93	05-MW-14-01	GCTEX2309231506	20.00	18.30	ug/L ug/L	91
10/06/93	08-GP-01-01	GCTEX2310061111	20.00	19.00		95
10/07/93	08-GP-02-01	GCTEX2310061111	20.00		ug/L	
_5, 5., 55	00 01 02 01	GC: EX2010001111	20.00	18.50	ug/L	92

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8020 - Aromatic Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene continued

Type of Spike : Surrogate - Normal Sample

10/07/93 08-GP-03-01 GCTEX2310061111 20.00 18.40 ug/L 92

Number of Samples : 52 Below acceptance : 0 Mean % Recovery : 96.3 Above acceptance : 0 Standard Deviation : 6.86 Acceptance Criteria 59-142

Type of Spike : Surrogate - Trip Blank

09/15/93	TB-07-02	GCJAY2309150130	20.00	19.20	ug/L	96
09/21/93	TB-08-02	GCJAY2309201444	20.00	20.60	ug/L	103
09/24/93	TB-10-02	GCJAY2309231030	20.00	19.60	ug/L	98
06/19/93	BT-06	GCKAY1306190024	20.00	16.60	ug/L	83
06/19/93	BT-07	GCKAY1306190024	20.00	20.20	ug/L	101
06/22/93	BT-08	GCKAY1306211455	20.00	19.20	ug/L	96
06/23/93	BT-09	GCKAY1306221300	20.00	17.70	ug/L	88
06/23/93	BT-10	GCKAY1306221300	20.00	17.70	ug/L	89
08/10/93	BT-11	GCKAY1308091931	20.00	17.20	ug/L	86
08/17/93	BT-12	GCPEA2308161047	20.00	17.50	ug/L	87
10/05/93	TB-13-02	GCPEA2310041056	20.00	20.30	ug/L	102
06/09/93	BT-01	GCQUE2306091614	20.00	21.50	ug/L	107
06/10/93	BT-02	GCQUE2306091614	20.00	20.90	ug/L	104
06/14/93	BT-03	GCTEX2306141311	20.00	15.10	ug/L	76
06/16/93	BT-04	GCTEX2306152237	20.00	16.50	ug/L	83
08/25/93	TB-06-02	GCTEX2308242018	20.00	19.80	ug/L	99
09/23/93	TB-09-02	GCTEX2309221032	20.00	17.20	ug/L	86
09/24/93	TB-11-02	GCTEX2309231506	20.00	18.50	ug/L	92

Number of Samples : 18 Below acceptance : 0
Mean % Recovery : 93.1 Above acceptance : 0
Standard Deviation : 8.76 Acceptance Criteria 59-142

Method: SW8020 - Aromatic Volatile Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Ambient Blank

09/23/93	AB-08	GCJAY2309231030	20.00	23.60	ug/L	118
09/24/93	AB-09	GCJAY2309231030	20.00	21.50	ug/L	107
06/19/93	BA-04	GCKAY1306190024	20.00	20.20	ug/L	101
06/19/93	BA-05	GCKAY1306190024	20.00	22.30	ug/L	111
06/22/93	BA-06	GCKAY1306211455	20.00	22.40 .	ug/L	112
06/23/93	BA-07	GCKAY1306221300	20.00	21.10	ug/L	105
06/23/93	BA-08	GCKAY1306221300	20.00	21.60	ug/L	108
06/23/93	BA-09	GCKAY1306221300	20.00	21.80	ug/L	109

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

ANALYZED	SAMPLE ID		BATCH ID		AMOUNT	AMOUNT	RESUL	
				KESULI S		RECOVERED	UNIT 	RECOVE
Method : SW802 piked Analyte : Trifl	0 - Aromatic Volati uorotoluene continue		s					
ype of Spike : Surrog	ate - Ambient Blank							
06/15/93	BA-01		GCTEX2306141311	20	0.00	16.80	ug/L	84
06/16/93	BA-02		GCTEX2306152237	20	0.00	20.80	ug/L	104
09/23/93	AB-07		GCTEX2309221032	20	0.00	21.20	ug/L	106
09/24/93	AB-10		GCTEX2309231506	20	0.00	21.00	ug/L	105
09/24/93	AB-11		GCTEX2309231506	20	0.00	21.40	ug/L	107
Number of :	•	13		Below acceptance	:	 0		
Mean % Reco	•	1 <b>0</b> 5.9		Above acceptance	:	0		
Standard De	eviation :	7.83		Acceptance Criter	ia 5	0-150		
ype of Spike : Surro	gate - Equipment Bla	nk						
06/24/93	04-MW-01-EB-03	(	GCKAY1306240932	20	.00 .	- 22.00	ug/L	110
10/07/93 	08-GP-01-EB-01	· · · · · · · · · · · ·	GCTEX2310061111	20	.00	20.90	ug/L	105
Number of S		2		Below acceptance	: (	o ·		
M 0/ D								
Mean % Reco		107.5		Above acceptance	: (	)		
mean % Reco Standard De		107.5 3.54		Above acceptance Acceptance Criter		) 0-150		
	eviation :	3.54						
Standard De ype of Spike : Surrog 09/21/93	eviation :	3.54 te	GCJAY2309201444	Acceptance Criter			ug/L	107
Standard De ype of Spike : Surrog 09/21/93 06/19/93	eviation : nate - Field Duplica	3.54 te	GCJAY2309201444 GCKAY1306190024	Acceptance Criter	ia 5(	0-150	ug/L ug/L	107 114
Standard De ype of Spike : Surrog 09/21/93 06/19/93 06/24/93	eviation :  Mate - Field Duplica  06-MW-07-DS-01  07-MW-02-DS-03  02-GW-03-DS-03	3.54 te 6		Acceptance Criter 20 20	ia 50	21.40	•	
Standard De ype of Spike : Surrog 09/21/93 06/19/93 06/24/93 06/24/93	eviation :  Mate - Field Duplica  06-MW-07-DS-01  07-MW-02-DS-03  02-GW-03-DS-03  05-MW-03-DS-03	3.54 te 6 6 6	CKAY1306190024 CKAY1306240932 CKAY1306240932	Acceptance Criter 20 20	ia 50	21.40 22.70	ug/L	114
Standard De ype of Spike : Surrog 09/21/93 06/19/93 06/24/93 06/24/93 10/04/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01	3.54 te 6 6 6	CKAY1306190024 CKAY1306240932	Acceptance Criter  20 20 20 5000	ia 50	21.40 22.70 20.50	ug/L ug/L	114 102
Standard De ype of Spike : Surrog 09/21/93 06/19/93 06/24/93 06/24/93 10/04/93 06/10/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03	3.54 te 6 6 6	CKAY1306190024 CKAY1306240932 CKAY1306240932	Acceptance Criter  20 20 20 5000 20	.00 .00 .00 .00	21.40 22.70 20.50 5710.00	ug/L ug/L ug/L	114 102 114
Standard De ype of Spike : Surrog 09/21/93 06/19/93 06/24/93 06/24/93 10/04/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01	3.54 te 6 6 6 6	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056	20 20 20 5000 20.	.00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60	ug/L ug/L ug/L ug/L	114 102 114 128
Standard December 2019  Specific Spike : Surrog  09/21/93  06/19/93  06/24/93  10/04/93  06/10/93  09/24/93  Number of S	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01	3.54 te 6 6 6 6 6	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614	Acceptance Criter  20 20 20 5000 20 20 20 Below acceptance:	.00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20	ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114
Standard De ype of Spike : Surrog 09/21/93 06/19/93 06/24/93 10/04/93 06/10/93 09/24/93 Number of S Mean % Reco	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-01 12-MW-02-DS-03 05-MW-14-DS-01 	3.54 te 6 6 6 6 7 112.9	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614	Acceptance Criter  20 20 20 5000 20 20 Below acceptance:	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20	ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114
Standard December 2019 Spike : Surrog 09/21/93 06/19/93 06/24/93 10/04/93 06/10/93 09/24/93 Sumber of S	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-01 12-MW-02-DS-03 05-MW-14-DS-01 	3.54 te 6 6 6 6 7 112.9	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614	Acceptance Criter  20 20 20 5000 20 20 20 Below acceptance:	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20	ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114
Standard December 2019 Spike : Surrog  09/21/93 06/19/93 06/24/93 10/04/93 06/10/93 09/24/93  Number of S Mean % Reco Standard De	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01	3.54 te 6 6 6 7 112.9 8.05	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614	Acceptance Criter  20 20 20 5000 20 20 Below acceptance:	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20	ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114
Standard December 2019 Spike : Surrog  09/21/93 06/19/93 06/24/93 10/04/93 06/10/93 09/24/93  Number of S Mean % Reco Standard De	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01	3.54  te  6 6 6 7 112.9 8.05	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614	Acceptance Criter  20 20 20 5000 20 20 Below acceptance:	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20	ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114
Standard December 2015  Specification of Spike : Surroger 2017  Specification of Spike : Surroger 2018  Standard December 2018  Specification of Spike : Surroger 2018  Specification of Spike : Spike	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01	3.54  te  6 6 7 112.9 8.05	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614 CTEX2309231506	Acceptance Criter  20 20 20 5000 20 20 20 Acceptance : Above acceptance : Acceptance Criteri	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20	ug/L ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114 111
Standard December 2015/93  09/21/93  06/19/93  06/24/93  10/04/93  06/10/93  09/24/93  Number of S  Mean % Reco  Standard December 2015/93  09/15/93  09/16/93  09/20/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01	3.54  te  6 6 7 112.9 8.05	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614 CTEX2309231506	Acceptance Criter  20 20 20 5000 20 20 20 Acceptance : Above acceptance : Acceptance Criteri	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20	ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114 111
Standard Decype of Spike : Surrog  09/21/93 06/19/93 06/24/93 06/24/93 10/04/93 06/10/93 09/24/93  Number of S Mean % Reco Standard Decype of Spike : Surrog  09/15/93 09/16/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01	3.54  te  6 6 6 7 112.9 8.05	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614 CTEX2309231506	Acceptance Criter  20 20 20 20 20 20 20 20 Acceptance : Above acceptance : Acceptance Criteri  20 20 20 20 20 20 20 20 20 20 20 20 20	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114 111 111 104 108 105
Standard De  /pe of Spike : Surrog  09/21/93 06/19/93 06/24/93 10/04/93 06/10/93 09/24/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01 	3.54  te  6 6 6 7 112.9 8.05	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614 CTEX2309231506	Acceptance Criter  20 20 20 5000 20 20 20 Acceptance : Above acceptance : Acceptance Criteri  20 20 20 20 20 20 20 20 20 20 20 20 20	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20 150 20.80 21.50 21.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114 111 
Standard December 2015/93  09/21/93  06/19/93  06/24/93  06/24/93  10/04/93  06/10/93  09/24/93  Number of S Mean % Reco Standard December 2015/93  09/15/93  09/15/93  09/21/93  06/19/93  06/19/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01 	3.54  te  6 6 6 7 112.9 8.05	CKAY1306190024 CKAY1306240932 CKAY1306240932 CPEA2310041056 CQUE2306091614 CTEX2309231506 CJAY2309150130 CJAY2309150130 CJAY2309201444 CJAY2309201444	Acceptance Criter  20 20 20 5000 20 20 20 Acceptance: Above acceptance: Acceptance Criteri  20 20 20 20 20 20 20 20 20 20 20 20 20	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20 21.50 21.50 21.00 21.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114 111 111 104 108 105 107
Standard De  ype of Spike : Surrog  09/21/93 06/19/93 06/24/93 10/04/93 06/10/93 09/24/93  Number of S Mean % Reco Standard De  ype of Spike : Surrog  09/15/93 09/16/93 09/20/93 09/21/93 06/19/93	06-MW-07-DS-01 07-MW-02-DS-03 02-GW-03-DS-03 05-MW-03-DS-03 08-SW-01-DS-01 12-MW-02-DS-03 05-MW-14-DS-01	3.54  te  6 6 6 7 112.9 8.05	CCKAY1306190024 CCKAY1306240932 CCKAY1306240932 CCPEA2310041056 CQUE2306091614 CTEX2309231506 CJAY2309150130 CJAY2309150130 CJAY2309201444 CXAY1306190024	Acceptance Criter  20 20 20 5000 20 20 20 Above acceptance: Acceptance Criteri  20 20 20 20 20 20 20 20 20 20 20 20 20	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	21.40 22.70 20.50 5710.00 25.60 22.80 22.20 3-150 21.50 21.00 21.40 21.90	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	114 102 114 128 114 111 111 104 108 105 107 109

Date Compiled: 30 April 1994 ND = Not Detected

	DATE				ORIG.	AMOUNT	AMOUNT	RESULT	%
	ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
		020 - Aromatic Volati		cs					
Spiked Ar	nalyte : Trii	fluorotoluene continu	ieq						
Type of S	Spike : Surro	ogate - Laboratory Co	ontrol						
	06/22/93	LCS931334		GCKAY1306211455		20.00	21.10	ug/L	106
	06/22/93	LCSCAL931335		GCKAY1306221300		20.00	21.90	ug/L	109
	06/23/93	LCS931365		GCKAY1306221300		20.00	20.20	ug/L	101
	06/24/93	LCSCAL931416		GCKAY1306240932		20.00	21.80	ug/L	109
	06/25/93	LCS931498		GCKAY1306240932		20.00	23.00	ug/L	115
	08/09/93	LCS933122		GCKAY1308091931		20.00	18.40	ug/L	92
	08/10/93	LCS933136		GCKAY1308091931	,	20.00	17.70	ug/L	88
	08/16/93	LCS933413		GCPEA2308161047		20.00	21.30	ug/L	106
	08/17/93	LCS933420		GCPEA2308161047		20.00	20.30	ug/L	101
	10/04/93	LCS934882		GCPEA2310041056		20.00	26.60	ug/L	133
	10/05/93	LCS934887		GCPEA2310041056		20.00	24.30	ug/L	122
	10/05/93	LCS934889		GCPEA2310041056		20.00	25.00	ug/L	125
	06/09/93	LCS93-850		GCQUE2306091614		20.00	26.30	ug/L	132
	06/10/93	LCS93933		GCQUE2306091614		20.00	26.40	ug/L	132
	06/14/93	LCSCAL931078		GCQUE2306141634		20.00	22.20	ug/L	111
	06/15/93	LCS931080		GCQUE2306141634	•	20.00	22.50	ug/L	112
	09/22/93	LCS934526		GCQUE2309221453		20.00	20.10	ug/L	101
	09/23/93	LCS934660		GCQUE2309221453		20.00	22.60	ug/L	113
<b>\</b>	06/15/93	LCSCAL931094		GCTEX2306152237		20.00	17.90	ug/L	90
•	06/16/93	LCS931163		GCTEX2306152237		20.00	19.70	ug/L	99
	08/24/93	LCS933634		GCTEX2308242018		20.00	23.20	ug/L	116
	08/25/93	LCS933640		GCTEX2308242018		20.00 .	22.90	ug/L	114
	09/22/93	LCS934519		GCTEX2309221032		20.00	18.50	ug/L	93
	09/23/93	LCS934532		GCTEX2309221032		20.00	21.40	ug/L	107
	09/23/93	LCS934663		GCTEX2309231506		20.00	20.60	ug/L	103
	09/24/93	LCS934672		GCTEX2309231506		20.00	21.10	ug/L	106
	10/06/93	LCS934895		GCTEX2310061111		20.00	21.80	ug/L	109
	10/07/93	LCS934905		GCTEX2310061111		20.00	20.70	ug/L	103
	Number of	· Samples	: 36		Below acceptant	 ce :	0		
	Mean % Re		: 108.7		Above acceptant		0		
			: 10.69		Acceptance Crit		50-150		
					i				
			t						
Type of	Spike : Surr	ogate – Matrix Spike							
	09/21/93	06-MW-07-01 M	S	GCJAY2309201444		20.00	21.30	ug/L	107
	09/21/93	06-MW-07-01 M	SD	GCJAY2309201444		20.00	22.50	ug/L	112
	06/19/93	07-MW-02-DS-0	3 M	GCKAY1306190024		20.00	22.50	ug/L	113
	06/19/93	07-MW-02-DS-0	3 M	GCKAY1306190024		20.00	20.90	ug/L	104
	06/22/93	06-MW-01-03 M	S	GCKAY1306211455		20.00	23.20	ug/L	116
	06/22/93	06-MW-01-03 M	SD	GCKAY1306211455		20.00	22.70	ug/L	114
	06/23/93	05-MW-06-03 M	S	GCKAY1306221300		20.00	21.00	ug/L	105
	06/23/93	05-MW-06-03 M	SD	GCKAY1306221300		20.00	22.30	ug/L	112
	06/24/93	02-GW-03-03 M	S	GCKAY1306240932		20.00	22.10	ug/L	111
7	06/24/93	02-GW-03-03 M	SD	GCKAY1306240932		20.00	21.80	ug/L	109

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	T % RECOVE
			~~~~~~			~	
Method : SW8020 iked Analyte : Triflu	- Aromatic Volatile Or orotoluene continued	ganics					
pe of Spike : Surroga	te - Matrix Spike						
10/04/93	08-SW-01-DS-01	GCPEA2310041056		20.00	24.60	ug/L	123
10/04/93	08-SW-01-DS-01	GCPEA2310041056		20.00	25.80	ug/L	129
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614		20.00	24.60	ug/L	123
06/10/93	12-MW-02-DS-03 M	GCQUE2306091614		20.00	28.00	ug/L	140
06/15/93	10-MW-03-03 MS	GCQUE2306141634	1	00.00	116.00	ug/L	116
06/15/93	10-MW-03-03 MSD	GCQUE2306141634	1	00.00	129.00	ug/L	129
06/16/93	10-MW-01-03 MS	GCTEX2306152237		20.00	20.70	ug/L	103
06/16/93	10-MW-01-03 MSD	GCTEX2306152237		20.00	22.60	ug/L	113
08/25/93	07-SW-03-01 MS	GCTEX2308242018		20.00	23.10	ug/L	115
08/25/93	07-SW-03-01 MSD	GCTEX2308242018		20.00 ·	22.40	ug/L	112
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	22.50	ug/L	113
09/23/93	05-MW-14-01	GCTEX2309231506		20.00	21.40	ug/L	107
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	22.70	ug/L	114
10/06/93	08-GP-01-01	GCTEX2310061111		20.00	22.80	ug/L	114
Number of Sa	amples : 24		Below acceptance	 e :	 0		
Mean % Recov	very : 11				0		
Mean % Recov Standard Dev	viation : :		Above acceptance Acceptance Crit	e :			
Mean % Recov Standard Dev	viation : :	4.8	Above acceptance	e :	0		
Mean % Recov Standard Dev	viation : :	4.8	Above acceptance Acceptance Crit	e :	0	ug/L	106
Mean % Recov Standard Dev pe of Spike : Surroga	viation : :	4.8	Above acceptance Acceptance Crit	e: eria 5	0 0-150	ug/L ug/L	106 109
Mean % Recov Standard Dev pe of Spike : Surroga 09/15/93	viation : Rate - Method Blank BLK932371	4.8 8.68 GCJAY2309150130	Above acceptance Acceptance Crit	e: eria 5	0 0-150 21.10	ug/L	
Mean % Recov Standard Dev pe of Spike : Surroga 09/15/93 09/20/93	viation : Rate - Method Blank BLK932371 BLK932379	4.8 8.68 GCJAY2309150130 GCJAY2309201444	Above acceptance Acceptance Crit	e: eria 5	0 0-150 21.10 21.90	ug/L ug/L	109 110
Mean % Recov Standard Dev ope of Spike : Surroga 09/15/93 09/20/93 06/19/93	viation : Rate - Method Blank BLK932371 BLK932379 BLK93552	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024	Above acceptance Acceptance Crit	e: eria 5 20.00 20.00 20.00	21.10 21.90 22.00	ug/L ug/L ug/L	109
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93	### station : ###################################	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455	Above acceptance Acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90	ug/L ug/L ug/L ug/L	109 110 111
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93	### Partial Pa	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300	Above acceptance Acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20	ug/L ug/L ug/L	109 110 111 105
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93	### ##################################	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10	ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95
Mean % Recov Standard Dev /pe of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93 08/09/93	### Method Blank ### BLK932371 ### BLK932379 ### BLK93552 ### BLK93695 ### BLK93698 ### BLK93704 ### BLK931827	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932 GCKAY1308091931	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97
Mean % Recov Standard Dev ype of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93 08/09/93 08/16/93	### Author ### ### ### ### ### ### ### ### ### #	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932 GCKAY1308091931 GCPEA2308161047	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123
Mean % Recov Standard Dev ype of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93	### Author	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93	### Author	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93	### Action : #### Action : ##### Action : ###################################	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306240932 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614 GCQUE2306141634	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00 21.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115 109
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93 06/14/93 09/22/93	### Action : #### Action : #### Action : ##### Action : ###################################	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306221300 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614 GCQUE2306141634 GCQUE2309221453	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93 06/14/93 09/22/93	### Action : #### Action : #### Action : ##### Action : ###################################	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306221300 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614 GCQUE2306141634 GCQUE2309221453 GCTEX2306152237	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00 21.70 19.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115 109 95 114
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93 06/14/93 09/22/93 06/16/93	### Author	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306240932 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614 GCQUE2306141634 GCQUE2306141634 GCQUE2306152237 GCTEX2308242018	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00 21.70 19.00 22.70 19.90	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115 109 95 114
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93 06/14/93 09/22/93 08/24/93	### Author	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306221300 GCKAY1306221300 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614 GCQUE2306141634 GCQUE2306141634 GCQUE2306152237 GCTEX2308242018 GCTEX2309221032	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00 21.70 19.00 22.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115 109 95 114
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 06/09/93 06/14/93 09/22/93 08/24/93 09/22/93	### Action : ### A	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614 GCQUE2306141634 GCQUE2306141634 GCQUE2309221453 GCTEX2308242018 GCTEX2309221032 GCTEX2309221032	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00 21.70 19.00 22.70 19.90 21.10 22.30	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115 109 95 114 99
Mean % Recov Standard Dev Ope of Spike : Surroga 09/15/93 09/20/93 06/19/93 06/21/93 06/22/93 06/22/93 06/24/93 08/09/93 08/16/93 10/04/93 09/22/93 06/16/93 08/24/93 09/22/93 09/23/93 10/06/93	### Action : ### Action ### Actio	GCJAY2309150130 GCJAY2309201444 GCKAY1306190024 GCKAY1306211455 GCKAY1306221300 GCKAY1306221300 GCKAY1308091931 GCPEA2308161047 GCPEA2310041056 GCQUE2306091614 GCQUE2306141634 GCQUE2309221453 GCTEX2309221453 GCTEX2308242018 GCTEX2309231506 GCTEX2310061111	Above acceptance Crit	e: eria 5 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.10 21.90 22.00 22.20 20.90 20.60 19.10 19.50 24.60 25.70 23.00 21.70 19.00 22.70 19.90 21.10 22.30	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 110 111 105 103 95 97 123 129 115 109 95 114 99

DATE ORIG. AMOUNT RESULT %

ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method: SW8020 - Aromatic Volatile Organics

Spiked Analyte : Trifluorotoluene continued

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

09/15/93	10-MW-04-01	GCJAY2309150130	20.00	20.70	ug/L	104
09/21/93	05-MW-13-01	GCJAY2309201444	20.00	21.70	ug/L	108
09/21/93	06-MW-07-01	GCJAY2309201444	20.00	22.00	ug/L	110
09/23/93	05-MW-15-01	GCJAY2309231030	20.00	21.80	ug/L	109
06/19/93	01-MW-01-03	GCKAY1306190024	20.00	23.10	ug/L	115
06/19/93	01-MW-02-03	GCKAY1306190024	20.00	21.30	ug/L	106
06/19/93	06-MW-03-03	GCKAY1306190024	20.00	20.60	ug/L	103
06/19/93	07-MW-02-03	GCKAY1306190024	20.00	22.00	ug/L	110
06/19/93	09-MW-01-03	GCKAY1306190024	20.00	22.60	ug/L	113
06/19/93	09-MW-02-03	GCKAY1306190024	20.00	23.90	ug/L	120
06/19/93	09-MW-03-03	GCKAY1306190024	20.00	22.70	ug/L	114
06/19/93	09-MW-04-03	GCKAY1306190024	20.00	22.90	ug/L	115
06/19/93	09-MW-05-03	GCKAY1306190024	20.00	23.30	ug/L	116
06/19/93	09-MW-06-03	GCKAY1306190024	20.00	21.90	ug/L	110
06/19/93	10-MW-02-03	GCKAY1306190024	500.00	751.00	ug/L	150
06/21/93	06-MW-01-03	GCKAY1306211455	20.00	23.80	ug/L	119
06/22/93	06-MW-02-03	GCKAY1306211455	20.00	23.80	ug/L	119
06/22/93	06-MW-04-03	GCKAY1306211455	100.00	149.00	ug/L	149
06/22/93	05-MW-01-03	GCKAY1306221300	20.00	28.30	ug/L	142
06/22/93	05-MW-02-03	GCKAY1306221300	20.00	22.00	ug/L	110
06/23/93	05-MW-03-03	GCKAY1306221300	5000.00	5510.00	ug/L	110
06/23/93	05-MW-06-03	GCKAY1306221300	20.00	21.50	ug/L	107
06/24/93	02-GW-03-03	GCKAY1306240932	20.00	22.40	ug/L	112
06/24/93	05-MW-04-03	GCKAY1306240932	40000.00	44200.00	ug/L	110
06/24/93	05-MW-05-03	GCKAY1306240932	2000.00	2600.00	ug/L	130
08/10/93	07-MW-04-03	GCKAY1308091931	20.00	18.20	ug/L	91
08/16/93	07-MW-01-03	GCPEA2308161047	20.00	20.40	ug/L	102
08/16/93	07-MW-03-03	GCPEA2308161047	20.00	19.80	ug/L	99
10/04/93	08-SW-01-01	GCPEA2310041056	20.00	24.60	ug/L	123
10/04/93	08-SW-02-01	GCPEA2310041056	20.00	23.30	ug/L	117
10/04/93	08-SW-03-01	GCPEA2310041056	20.00	24.40	ug/L	122
10/05/93	22-GP-01-01	GCPEA2310041056	20.00	23.40	ug/L	117
10/05/93	22-GP-02-01	GCPEA2310041056	20.00	23.70	ug/L	118
10/05/93	22-GP-03-01	GCPEA2310041056	20.00	24.70	ug/L	123
06/09/93	12-MW-01-03	GCQUE2306091614	20.00	23.60	ug/L	118
06/10/93	04-MW-02-03	GCQUE2306091614	20.00	22.40	ug/L	112
06/10/93	04-MW-03-03	GCQUE2306091614	20.00	23.00	ug/L	115
06/10/93	12-MW-02-03	GCQUE2306091614	20.00	26.20	ug/L	131
06/14/93	10-MW-03-03	GCQUE2306141634	100.00	118.00	ug/L	118
09/23/93	01-MW-07-01	GCQUE2309221453	20.00		ug/L	112
09/23/93	01-MW-08-01	GCQUE2309221453	20.00	21.50	ug/L	108
06/16/93	10-MW-01-03	GCTEX2306152237	20.00	18.90	ug/L	94
08/25/93	07-SW-03-01	GCTEX2308242018	20.00	23.00	ug/L	115

ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
Method : SW8020	O - Aromatic Volati	le Organics					
iked Analyte : Triflu	uorotoluene continu	ed					
pe of Spike : Surroga	ate - Normal Sample						
08/25/93	07-S W -04-01	GCTEX23082420	018	20.00	23.60	ug/L	118
08/25/93	07-SW-05-01	GCTEX23082420)18	20.00	22.30	ug/L	112
08/25/93	07-SW-06-01	GCTEX23082420		20.00	22.00	ug/L	110
08/25/93	07-SW-07-01	GCTEX23082420	018	20.00	20.50	ug/L	103
09/23/93	09-MW-15-01	GCTEX23092210		20.00	20.60	ug/L	103
09/23/93	05-MW-14-01	GCTEX23092315		20.00	21.30	ug/L	106
10/06/93	08-GP-01-01	GCTEX23100611		20.00	21.80	ug/L	109
10/07/93	08-GP-02-01	GCTEX23100611		20.00	21.10	ug/L	105
10/07/93	08-GP-03-01	GCTEX23100611	11	20.00 .	21.20	ug/L	106
Number of S	Samples	: : 52	Below acceptan	 ce :	0		
Mean % Reco	very	: 113.8	Above acceptan		0		
Standard De		: 11.36	Acceptance Cri		50-150		
pe of Spike : Surrog	gate - Trip Blank					•	
		CC 14V22001E01	20	20.00	00.10		100
09/15/93	TB-07-02	GCJAY23091501		20.00	20.10	ug/L	100
09/15/93 09/21/93	TB-07-02 TB-08-02	GCJAY23092014	44	20.00	21.80	ug/L	109
09/15/93 09/21/93 09/24/93	TB-07-02 TB-08-02 TB-10-02	GCJAY23092014 GCJAY23092310	44 30	20.00 20.00	21.80 20.30	ug/L ug/L	109 102
09/15/93 09/21/93 09/24/93 06/19/93	TB-07-02 TB-08-02 TB-10-02 BT-06	GCJAY23092014 GCJAY23092310 GCKAY13061900	44 30 24	20.00 20.00 20.00	21.80 20.30 20.90	ug/L ug/L ug/L	109 102 104
09/15/93 09/21/93 09/24/93 06/19/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13061900	44 30 24 24	20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00	ug/L ug/L ug/L ug/L	109 102 104 120
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13061900 GCKAY13062114	44 30 24 24 55	20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60	ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13061900 GCKAY13062114 GCKAY13062213	44 30 24 24 55 00	20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90	ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213	44 30 24 24 55 00	20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10	ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13061900 GCKAY13062114 GCKAY13062213	44 30 24 24 55 00 00	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610	44 30 24 24 55 00 00 31	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919	44 30 24 24 55 00 00 31 47	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 . 08/17/93 10/05/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23100410	44 30 24 24 55 00 00 31 47 56	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 08/17/93 10/05/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02 BT-01	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610 GCPEA23100410 GCQUE23060916	44 30 24 24 55 00 00 31 47 56 14	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70 24.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118 120
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 08/17/93 10/05/93 06/09/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02 BT-01 BT-02	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610 GCPEA23100410 GCQUE23060916	44 30 24 24 55 00 00 31 47 56 14	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70 24.00 23.30	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118 120 116
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 08/17/93 10/05/93 06/09/93 06/10/93 06/14/93 06/16/93 08/25/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02 BT-01 BT-02 BT-03	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610 GCPEA23100410 GCQUE23060916 GCQUE23060916	44 30 24 24 55 00 00 31 47 56 14 11	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70 24.00 23.30 17.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118 120 116 87
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 08/17/93 10/05/93 06/09/93 06/10/93 06/14/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02 BT-01 BT-02 BT-03 BT-04	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610 GCPEA23100410 GCQUE23060916 GCQUE23060916 GCTEX23061413	44 30 24 24 55 00 00 31 47 56 14 14 11 37	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70 24.00 23.30 17.40 18.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118 120 116 87 93
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 08/17/93 10/05/93 06/09/93 06/10/93 06/14/93 06/16/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02 BT-01 BT-02 BT-03 BT-04 TB-06-02	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610 GCPEA23100410 GCQUE23060916 GCQUE23060916 GCTEX23061413 GCTEX23061522:	44 30 24 24 25 50 00 00 31 47 56 14 14 11 37 18	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70 24.00 23.30 17.40 18.70 23.70	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118 120 116 87 93 118
09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 08/17/93 10/05/93 06/09/93 06/10/93 06/14/93 06/16/93 08/25/93 09/23/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02 BT-01 BT-02 BT-03 BT-04 TB-06-02 TB-09-02 TB-11-02	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610 GCPEA23100410 GCQUE23060916 GCQUE23060916 GCTEX23061522 GCTEX23082420 GCTEX23092210	44 30 24 24 25 50 00 00 31 47 56 14 14 11 37 18	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70 24.00 23.30 17.40 18.70 23.70 24.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118 120 116 87 93 118
09/15/93 09/21/93 09/24/93 06/19/93 06/19/93 06/22/93 06/23/93 06/23/93 08/10/93 08/17/93 10/05/93 06/09/93 06/10/93 06/14/93 06/16/93 08/25/93 09/23/93	TB-07-02 TB-08-02 TB-10-02 BT-06 BT-07 BT-08 BT-09 BT-10 BT-11 BT-12 TB-13-02 BT-01 BT-02 BT-03 BT-04 TB-06-02 TB-09-02 TB-11-02	GCJAY23092014 GCJAY23092310 GCKAY13061900 GCKAY13062114 GCKAY13062213 GCKAY13062213 GCKAY13080919 GCPEA23081610 GCPEA23100410 GCQUE23060916 GCQUE23060916 GCTEX23061413 GCTEX23061522 GCTEX23092210	44 30 24 24 255 00 00 31 47 56 14 11 37 18 32 06	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	21.80 20.30 20.90 24.00 22.60 21.90 21.10 18.50 18.70 23.70 24.00 23.30 17.40 18.70 23.70 20.20 21.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	109 102 104 120 113 109 106 92 94 118 120 116 87 93 118

DAT		CAMBLE IN		DATCH IN	ORIG. RESULT	AMOUNT	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
ANALY		SAMPLE ID		BATCH ID	KEOULI	241VED	RECOVERED		
Method	· SM8U8U - U2	ganochlorine Pe	sticide	e and PCRe					
iked Analyte		ganociiroi ille i e	:3 t 10 1 u c	and robs					
ype of Spike	: Laboratory	Control				·			
06/26	6/93	LCS 931352 #LS		CHGC1B306251200		0.50	0.50	ug/L	100
06/28	6/93	LCS931312 #LS k	(CHGC1B306251200		0.50	0.53	ug/L	106
06/26	5/93	LCSD931312 #LS		CHGC1B306251200		0.50	0.53	ug/L	106
06/26		LCSD931352 #LS		CHGC1B306251200		0.50	0.58	ug/L	116
08/21		LCS933380 #LS k	(CHGC1B308201200		0.50	0.54	ug/L	109
08/21		LCSD933380 #LS		CHGC1B308201200		0.50	0.55	ug/L	109
06/15		LCS93-963 #LS		CHGC6A306141200		0.50	0.47	ug/L	94
06/15		LCSD93-963 #LS	;	CHGC6A306141200		0.50	0.23	ug/L	47
06/18		LCS93-1035 #L		CHGC6A306181200		0.50	0.49	ug/L	97
06/18		LCSD93-1035 #L		CHGC6A306181200		0.50	0.50	ug/L	100
06/23		LCS93-1035 #LS		CHGC6A306221200		0.50	0.47	ug/L	94
06/23	•	LCS931190 #LS	•	CHGC6A306221200		0.50	0.50	ug/L	100
06/23		LCSD93-1035 #LS	:	CHGC6A306221200		0.50	0.48	ug/L	96
06/23		LCSD93 1033 #LS LCSD931120 #LS	•	CHGC6A306221200		0.50	0.52	ug/L	104
06/23		LCS93 1258 #LS		CHGC7A306231200		0.50	0.48	ug/L ug/L	95
		LCSD93 1258 #LS LCSD93 1258 #LS		CHGC7A306231200		0.50	0.48	ug/L	96
06/23)		•	0.50	0.48	ug/L ug/L	108
06/24		LCS93 1127 #LS		CHGC7A306231200		0.50	0.54	-	107
06/24		LCSD93 1127 #LS)	CHGC7A306231200				ug/L	
08/07		LCS93 3026 #LS		CHGC7A308061200		0.50	0.51	ug/L	101
08/07		LCSD93 3026 #LS		CHGC7A308061200		0.50 .	0.51	ug/L	102
09/14 09/14		LCS934010 #LS LCSD934010 #LS		CHGC7A309131200 CHGC7A309131200		0.50 0.50	0.48 0.50	ug/L ug/L	96 100
							0.50	uy/ L	
Nun	ber of Sample	s :	22		Below acceptar	nce :	0		
Mea	n % Recovery	:	99.2		Above acceptar	nce :	0		
Sta	ndard Deviatio	on :	13.05		Acceptance Cri	iteria 2	25-160		
ype of Spike	: Matrix Spik	e							
06/15	5/93	12-MW-02-DS-03	м	CHGC6A306141200	ND	0.50	0.44	ug/L	85
06/15		12-MW-02-DS-03		CHGC6A306141200	ND	0.50	0.48	ug/L	92
06/18		07-MW-02-DS-03		CHGC6A306181200	ND	0.50	0.44	ug/L ug/L	91
06/18	•	07-MW-02-DS-03		CHGC6A306181200	ND	0.50	0.45	ug/L	89
06/23		07-MW-02-DS-03		CHGC6A306101200	ND	5.00	0.44	ug/L ug/L	9
06/23		07-MW-02-DS-03		CHGC6A306221200	ND ND	0.50	0.44	ug/L ug/L	90
	· '								
Nuπ	ber of Sample:	s :	6		Below acceptar	nce :	1		
Mea	ın % Recovery	:	76.0		Above acceptar	nce :	0		

Acceptance Criteria 25-160

Standard Deviation : 32.91

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	. %
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
method : Sw8080 iked Analyte : Aldrin	- Organochlorine Pesti	cides and PCBs					
ype of Spike : Labora	tory Control						
06/26/93	LCS 931352 #LS	CHGC1B306251200	•	0.30	0.21	ug/L	82
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.30	0.23	ug/L	93
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.30	0.23	ug/L	94
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.30	0.23	ug/L	91
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.30	0.26	ug/L	103
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.30	0.26	ug/L	104
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.30	0.24	ug/L	96
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.30	0.12	ug/L	50
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.30	0.23	ug/L	93
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.30	0.24	ug/L	96
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.30	0.24	ug/L	96
06/23/93	LCS931190 #LS	CHGC6A306221200		0.30	0.22	ug/L	88
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.30	0.25	ug/L	99
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.30	0.23	ug/L	91
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.30	0.24	ug/L	95
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.30	0.24	ug/L	97
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.30	0.29	ug/L	114
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.30	0.29	ug/L	116
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	96
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.30	0.24	ug/L	96
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.25	0.22	ug/L	87
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.25	0.23	ug/L	91
Number of Sa	mples : 22		Below acceptar	 1ce :	0		
Mean % Recov	ery : 94	.0	Above acceptar	nce :	0		
Standard Dev	iation : 12	2.56	Acceptance Cr	iteria 4	12-122		
pe of Spike : Matrix	Spike						
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.18	ug/L	87
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.17	-	82
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.20	0.26		134
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	ND	0.20	0.33		165
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.20	0.33		174
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	2.00	0.30		15
Number of Sa	•		Below acceptar	ice :	1		
Mean % Recov	-	.5	Above acceptar	ice :	3		
Standard Dev	iation : 60	.06	Acceptance Cri	tomin 1	2-122		

	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
									
Me	ethod : SW8080) - Organochlorine	Pesticid	es and PCBs					
	alyte : Dieldr								
ype of S	Spike : Labora	itory Control				•			
	06/26/93	LCS 931352 #	1 c	CHGC1B306251200		0.50	0.45	ug/L	90
	06/26/93	LCS931312 #L		CHGC1B306251200		0.50	0.49	ug/L	97
	06/26/93	LCSD931312 #C		CHGC1B306251200		0.50	0.49		98
	06/26/93	LCSD931312 #		CHGC1B306251200		0.50	0.49	ug/L	105
								ug/L	
	08/21/93	LCS933380 #L		CHGC1B308201200		0.50	0.52	ug/L	104
	08/21/93	LCSD933380 #		CHGC1B308201200		0.50	0.53	ug/L	106
	06/15/93	LCS93-963 #		CHGC6A306141200		0.50	0.47	ug/L	94
	06/15/93	LCSD93-963		CHGC6A306141200		0.50	0.25	ug/L	49
	06/18/93	LCS93-1035	#L	CHGC6A306181200		0.50	0.49	ug/L	98
	06/18/93	LCSD93-1035		CHGC6A306181200		0.50	0.50	ug/L	100
	06/23/93	LCS93-1035		CHGC6A306221200		0.50	0.50	ug/L	99
	06/23/93	LCS931190 #		CHGC6A306221200		0.50	0.51	ug/L	102
	06/23/93	LCSD93-1035		CHGC6A306221200		0.50	0.51	ug/L	102
	06/23/93	LCSD931120 #		CHGC6A306221200		0.50	0.52	ug/L	105
	06/23/93	LCS93 1258 #		CHGC7A306231200		0.50	0.47	ug/L	94
	06/23/93	LCSD93 1258		CHGC7A306231200		0.50	0.47	ug/L	94
	06/24/93	LCS93 1127 #		CHGC7A306231200		0.50	0.52	ug/L	105
	06/24/93	LCSD93 1127		CHGC7A306231200		0.50	0.52	ug/L	104
	08/07/93	LCS93 3026 #		CHGC7A308061200		0.50	0.47	ug/L	93
	08/07/93	LCSD93 3026	#LS	CHGC7A308061200		0.50 .	0.47	ug/L	94
	09/14/93	LCS934010 #L	S K	CHGC7A309131200		0.50	0.47	ug/L	93
	09/14/93	LCSD934010 #	LS	CHGC7A309131200		0.50	0.48	ug/L	96
	Number of S	amples	: 22	٠.	Below acceptan	ice :	 0		
	Mean % Reco	very	: 96.5		Above acceptan	ce :	0		
	Standard De	viation	: 11.6	5	Acceptance Cri	teria 3	6-146		
- -	pike : Matrix	Smålen							
JE UI 3	pine . Matilix	Shive							
	06/15/93	12-MW-02-DS-	03 M	CHGC6A306141200	ND	0.50	0.48	ug/L	93
	06/15/93	12-MW-02-DS-	03 M	CHGC6A306141200	ND	0.50	0.46	ug/L	88
	06/18/93	07-MW-02-DS-	03 M	CHGC6A306181200	0.01	0.50	0.45	ug/L	88
	06/18/93	07-MW-02-DS-	03 M	CHGC6A306181200	0.01	0.50	0.45	ug/L	86
	06/23/93	07-MW-02-DS-	03 M	CHGC6A306221200	ND	0.50	0.46	ug/L	93
	06/23/93						-	J	

Number of Samples : 6 Below acceptance : 1
Mean % Recovery : 76.2 Above acceptance : 0
Standard Deviation : 33.03 Acceptance Criteria 36-146

DATE ANALYZED	SAMPLE ID	BATCH ID		AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8080 Ked Analyte : Endosu	- Organochlorine Pesti lfan II	cides and PCBs					
oe of Spike : Labora	tory Control						
06/26/93	LCS 931352 #LS	CHGC1B306251200		0.50	0.46	ug/L	92
06/26/93	LCS931312 #LS K	CHGC1B306251200		0.50	0.49	ug/L	98
06/26/93	LCSD931312 #LS	CHGC1B306251200		0.50	0.49	ug/L	99
06/26/93	LCSD931352 #LS	CHGC1B306251200		0.50	0.53	ug/L	107
08/21/93	LCS933380 #LS K	CHGC1B308201200		0.50	0.53	ug/L	107
08/21/93	LCSD933380 #LS	CHGC1B308201200		0.50	0.54	ug/L	108
06/15/93	LCS93-963 #LS	CHGC6A306141200		0.50	0.44	ug/L	87
06/15/93	LCSD93-963 #LS	CHGC6A306141200		0.50 -	0.23	ug/L	45
06/18/93	LCS93-1035 #L	CHGC6A306181200		0.50	0.47	ug/L	94
06/18/93	LCSD93-1035 #L	CHGC6A306181200		0.50	0.48	ug/L	96
06/23/93	LCS93-1035 #LS	CHGC6A306221200		0.50	0.47	ug/L	94
06/23/93	LCS931190 #LS	CHGC6A306221200		0.50	0.49	ug/L	97
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.48	ug/L	97
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.50	ug/L	100
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.50	ug/L	100
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.50	ug/L	99
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.55	ug/L	110
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.55	ug/L	110
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50	0.42	ug/L	84
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.42	ug/L	83
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.49	ug/L	97
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.50	ug/L	100
Number of Sa	amples : 22		Below acceptance	: ()		
Mean % Recov	/ery : 95	5.6	Above acceptance)		
Standard Dev	/iation : 13	3.57	Acceptance Crite)-202		

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Endrin

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.50	0.49	ug/L	99
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.50	0.49	ug/L	99
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.50	0.47	ug/L	94
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.50	0.54	ug/L	108
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.50	0.44	ug/L	87
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.50	0.48	ug/L	97
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.50	0.48	ug/L	96
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.50	0.25	ug/L	49
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.50	0.49	ug/L	98
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.50	0.50	ug/L	100
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.50	0.50	ug/L	100
06/23/93	LCS931190 #LS	CHGC6A306221200	0.50	0.50	ug/L	100
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.50	0.51	ug/L	102

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE				ORIG.	AMOUNT	AMOUNT	RESUL1	Г %
ANALYZED	SAMPLE	ID	BATCH ID	RESULT	SPIKED		UNIT	RECOVE
Mathad . CH	2000 0	laudus Dasti	aidan and DCD.					
method : Swo piked Analyte : Enc	3080 - Organoch drin continued	iorine Pestio	lides and PCBS					
ype of Spike : Labo	oratory Control							
	-							
06/23/93		1120 #LS	CHGC6A306221200		0.50	0.54	ug/L	107
06/23/93		1258 #LS	CHGC7A306231200		0.50	0.51	ug/L	101
06/23/93		1258 #LS	CHGC7A306231200		0.50	0.51	ug/L	101
06/24/93		1127 #LS	CHGC7A306231200		0.50	0.56	ug/L	112
06/24/93		1127 #LS	CHGC7A306231200		0.50	0.47	ug/L	94
08/07/93		3026 #LS	CHGC7A308061200		0.50	0.50	ug/L	100
08/07/93		3026 #LS	CHGC7A308061200		0.50	0.49	ug/L	98
09/14/93		010 #LS K	CHGC7A309131200		0.50	0.51	ug/L	103
09/14/93	LCSD934	4010 #LS	CHGC7A309131200	·	0.50	0.54	ug/L	108
Number c	of Samples	: 22		Below accepta	nce :	0		
Mean % R	lecovery	: 97	7.9	Above accepta		0		
Standard	Deviation	: 12	2.17	Acceptance Cr	iteria 3	80-147		
06/15/93	12-MW-(02-DS-03 M	CHGC6A306141200	ND	0.50	0.55	ua/L	107
							ug/L	107
06/15/93 06/18/93		02-DS-03 M 02-DS-03 M	CHGC6A306141200 CHGC6A306181200	ND ND	0.50	0.52	ug/L	101
06/18/93		02-03-03 M	CHGC6A306181200	ND ·	0.50 0.50	0.51 0.51	ug/L	101 104
06/23/93		02-D3-03 M	CHGC6A306221200	ND	5.00	0.61	ug/L ug/L	104
06/23/93		02-DS-03 M	CHGC6A306221200	ND	0.50	0.61	ug/L ug/L	125
		·		Below accepta				
Number	f Comples	: 6			nce .	1		
	f Samples		7	•		n		
Mean % R	ecovery	: 91	7	Above accepta	nce :	0 0-147		
Mean % R Standard	ecovery Deviation	: 91 : 40	0.05	•	nce :	0 0-147		
Mean % R Standard	ecovery Deviation 080 - Organochl	: 91 : 40	0.05	Above accepta	nce :			
Mean % R Standard Method : SW8	ecovery Deviation 080 - Organoch rin Aldehyde	: 91 : 40 Jorine Pestic	0.05	Above accepta	nce :			
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab	Deviation 080 - Organochl rin Aldehyde oratory Control	: 91 : 40 Jorine Pestic	0.05	Above accepta	nce : iteria 3	0-147	ua/l	100
Mean % R Standard Method : SW8 Diked Analyte : End	Deviation O80 - Organochl rin Aldehyde oratory Control	: 91 : 40 Jorine Pestic	o.05 rides and PCBs	Above accepta	nce : iteria 3 0.50	0-147	ug/L ua/L	100 114
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab	Deviation O80 - Organochl Irin Aldehyde oratory Control LCS 931 LCS9313	: 91 : 40 Orine Pestic	CHGC1B306251200	Above accepta	nce : iteria 3 0.50 0.50	0-147	ug/L	114
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93	Deviation 080 - Organochl oratory Control LCS 931 LCS9313 LCSD931	: 91 : 40 Orine Pestic 1352 #LS 1352 #LS	CHGC1B306251200 CHGC1B306251200	Above accepta	0.50 0.50 0.50	0-147 0.50 0.57	ug/L ug/L	114 113
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93 06/26/93	Deviation 080 - Organochl rin Aldehyde oratory Control LCS 931 LCS9313 LCSD931	: 91 : 40 lorine Pestic : :352 #LS :312 #LS K :312 #LS	CHGC1B306251200 CHGC1B306251200 CHGC1B306251200	Above accepta	0.50 0.50 0.50 0.50	0.50 0.57 0.57	ug/L ug/L ug/L	114 113 114
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93 06/26/93	Deviation 080 - Organochl rin Aldehyde oratory Control LCS 931 LCS0931 LCSD931 LCSD931	: 91 : 40 lorine Pestic 	CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200	Above accepta	0.50 0.50 0.50 0.50 0.50	0.50 0.57 0.57 0.57 0.62	ug/L ug/L ug/L ug/L	114 113 114 124
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93 06/26/93 06/26/93	Deviation O80 - Organochl Irin Aldehyde oratory Control LCS 931 LCS9313 LCSD931 LCSD9313 LCSD9333 LCSD9333	: 91 : 40 lorine Pestic 	CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B308201200	Above accepta	0.50 0.50 0.50 0.50 0.50	0.50 0.57 0.57 0.57 0.62 0.61	ug/L ug/L ug/L ug/L ug/L	114 113 114 124 121
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93 06/26/93 06/26/93 08/21/93 08/21/93	Deviation O80 - Organochl Irin Aldehyde oratory Control LCS 931 LCS9313 LCSD931 LCSD931 LCSD933 LCSD933 LCSD933	: 91 : 40 lorine Pestic .352 #LS .352 #LS K .312 #LS .352 #LS .380 #LS K	CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B308201200 CHGC1B308201200	Above accepta	0.50 0.50 0.50 0.50 0.50	0.50 0.57 0.57 0.57 0.62 0.61 0.48	ug/L ug/L ug/L ug/L ug/L	114 113 114 124 121 95
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93 06/26/93 06/26/93 08/21/93 08/21/93 08/21/93	Deviation O80 - Organochl Irin Aldehyde oratory Control LCS 931 LCS9313 LCSD931 LCSD931 LCSD933 LCSD933 LCSD933	: 91 : 40 Orine Pestic 	CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B308201200 CHGC1B308201200 CHGC6A306141200	Above accepta	0.50 0.50 0.50 0.50 0.50 0.50	0.50 0.57 0.57 0.57 0.62 0.61	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	114 113 114 124 121 95 51
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93 06/26/93 06/26/93 08/21/93 08/21/93 08/21/93 06/15/93	Deviation O80 - Organochl Irin Aldehyde oratory Control LCS 931 LCS 931 LCS 933	: 91 : 40 Orine Pestic 	CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B308251200 CHGC1B308201200 CHGC1B308201200 CHGC6A306141200 CHGC6A306141200	Above accepta	0.50 0.50 0.50 0.50 0.50 0.50	0.50 0.57 0.57 0.57 0.62 0.61 0.48 0.26	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	114 113 114 124 121 95 51 112
Mean % R Standard Method : SW8 Diked Analyte : End Type of Spike : Lab 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/15/93 06/15/93 06/15/93	Deviation Deviation Deviation Deviation Deviation Deviation Deviation LCS 931 LCS 931 LCS 931 LCS 933 LCS 933	: 91 : 40 lorine Pestic .352 #LS .352 #LS .352 #LS .352 #LS .380 #LS .380 #LS .963 #LS	CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B308251200 CHGC1B308201200 CHGC1B308201200 CHGC6A306141200 CHGC6A306141200 CHGC6A306181200	Above accepta	0.50 0.50 0.50 0.50 0.50 0.50 0.50	0.50 0.57 0.57 0.57 0.62 0.61 0.48 0.26 0.56	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	114 113 114 124 121 95 51

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Method : SW8080) - Organochlorine Pestic	rides and PCRs					
Spiked Analyte : Endrin		rides and robs					
Type of Spike : Laborat	ory Control						
06/23/93	LCSD93-1035 #LS	CHGC6A306221200		0.50	0.56	ug/L	112
06/23/93	LCSD931120 #LS	CHGC6A306221200		0.50	0.57	ug/L	113
06/23/93	LCS93 1258 #LS	CHGC7A306231200		0.50	0.60	ug/L	120
06/23/93	LCSD93 1258 #LS	CHGC7A306231200		0.50	0.61	ug/L	121
06/24/93	LCS93 1127 #LS	CHGC7A306231200		0.50	0.66	ug/L	131
06/24/93	LCSD93 1127 #LS	CHGC7A306231200		0.50	0.69	ug/L	139
08/07/93	LCS93 3026 #LS	CHGC7A308061200		0.50 ·	0.56	ug/L	111
08/07/93	LCSD93 3026 #LS	CHGC7A308061200		0.50	0.57	ug/L	113
09/14/93	LCS934010 #LS K	CHGC7A309131200		0.50	0.55	ug/L	110
09/14/93	LCSD934010 #LS	CHGC7A309131200		0.50	0.57	ug/L	113

Number of Samples : 22 Mean % Recovery : 112.0 Standard Deviation : 16.40

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria

0 0 NS

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Heptachlor

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.30	0.21	ug/L	83
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.30	0.23	ug/L	92
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.30	0.23	ug/L	93
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.30	0.23	ug/L	93
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.30	0.26	ug/L	106
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.30	0.27	ug/L	107
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.30	0.23	ug/L	93
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.30	0.12	ug/L	49
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.30	0.22	ug/L	87
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.30	0.23	ug/L	91
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.30	0.22	ug/L	89
06/23/93	LCS931190 #LS	CHGC6A306221200	0.30	0.21	ug/L	85
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.30	0.23	ug/L	93
06/23/93	LCSD931120 #LS	CHGC6A306221200	0.30	0.22	ug/L	87
06/23/93	LCS93 1258 #LS	CHGC7A306231200	0.30	0.22	ug/L	88
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	0.30	0.22	ug/L	90
06/24/93	LCS93 1127 #LS	CHGC7A306231200	0.30	0.26	ug/L	104
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	0.30	0.26	ug/L	105
08/07/93	LCS93 3026 #LS	CHGC7A308061200	0.30	0.23	ug/L	93
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	0.30	0.23	ug/L	93
09/14/93	LCS934010 #LS K	CHGC7A309131200	0.25	0.22	ug/L	87
09/14/93	LCSD934010 #LS	CHGC7A309131200	0.25	0.23	ug/L	90
N £ C 7						

Number of Samples : 22 Mean % Recovery : 90.8 Standard Deviation : 11.54

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 34-11

Acceptance Criteria 34-111

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Heptachlor continued

Type of Spike : Laboratory Control

Type of Spike : Matrix Spike

06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.18	ug/L	88
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.17	ug/L	84
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.18	ug/L	73
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.17	ug/L	70
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.20	0.23	ug/L	115
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	2.00	0.23	ug/L	11

Number of Samples : 6
Mean % Recovery : 73.5
Standard Deviation : 34.53

Below acceptance: 1
Above acceptance: 1
Acceptance Criteria 34-111

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Heptachlor epoxide

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.30	0.23	ug/L	92
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.30	0.25	ug/L	99
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.30	0.25	ug/L	100
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.30	0.27	ug/L	107
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.30	0.27	ug/L	107
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.30	0.27	ug/L	109
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.30	0.23	ug/L	91
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.30	0.12	ug/L	48
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.30	0.23	ug/L	94
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.30	0.24	ug/L	96
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.30	0.24	ug/L	96
06/23/93	LCS931190 #LS	CHGC6A306221200	0.30	0.24	ug/L	97
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.30	0.25	ug/L	98
06/23/93	LCSD931120 #LS	CHGC6A306221200	0.30	0.25	ug/L	100
06/23/93	LCS93 1258 #LS	CHGC7A306231200	0.30	0.26	ug/L	102
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	0.30	0.26	ug/L	103
06/24/93	LCS93 1127 #LS	CHGC7A306231200	0.30	0.29	ug/L	114
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	0.30 .	0.28	ug/L	113
08/07/93	LCS93 3026 #LS	CHGC7A308061200	0.30	0.24	ug/L	98
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	0.30	0.25	ug/L	98
09/14/93	LCS934010 #LS K	CHGC7A309131200	0.25	0.25	ug/L	98
09/14/93	LCSD934010 #LS	CHGC7A309131200	0.25	0.25	ug/L	101

Number of Samples : 22 Mean % Recovery : 98.2

Standard Deviation : 12.78

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 37-142

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVER

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Heptachlor epoxide continued

Type of Spike : Laboratory Control

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Mirex

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.50	0.47	ug/L	95
06/26/93	LCS931312 #LS K	CHGC1B306251200	0:50	0.51	ug/L	103
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.50	0.51	ug/L	102
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.50	0.54	ug/L	1 0 9
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.50	0.61	ug/L	121
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.50	0.61	ug/L	122
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.50	0.49	ug/L	98
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.50	0.25	ug/L	49
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.50	0.50	ug/L	101
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.50	0.51	ug/L	103
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.50	0.50	ug/L	100
06/23/93	LCS931190 #LS	CHGC6A306221200	0.50	0.51	ug/L	103
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.50	0.51	ug/L	102
06/23/93	LCSD931120 #LS	CHGC6A306221200	0.50	0.53	ug/L	106
06/23/93	LCS93 1258 #LS	CHGC7A306231200	0.50	0.49	ug/L	97
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	0.50	0.49	ug/L	99
06/24/93	LCS93 1127 #LS	CHGC7A306231200	0.50	0.58	ug/L	115
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	0.50	0.58	ug/L	115
08/07/93	LCS93 3026 #LS	CHGC7A308061200	0.50	0.53	ug/L	106
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	0.50	0.53	ug/L	106
09/14/93	LCS934010 #LS K	CHGC7A309131200	0.50	0.66	ug/L	132
09/14/93	LCSD934010 #LS	CHGC7A309131200	0.50	0.50	ug/L	100

Number of Samples

: 22

Below acceptance :

0

Mean % Recovery
Standard Deviation

: 103.8 : 15.34 Above acceptance : Acceptance Criteria

NS.

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : PCB-1016

Type of Spike : Laboratory Control

06/26/93	LCS 931313 #MP	CHGC1B306251200	2.50	2.18	ug/L	87
06/26/93	LCS 931353 #MP	CHGC1B306251200	2.50	2.24	ug/L	90
06/26/93	LCSD931313 #MP	CHGC1B306251200	2.50	2.15	ug/L	86
06/26/93	LCSD931353 #MP	CHGC1B306251200	2.50	2.31	ug/L	93
08/21/93	LCS933381 #MP K	CHGC1B308201200	2.50	2.59	ug/L	104
08/21/93	LCSD933381 #MP	CHGC1B308201200	2.50	2.62	ug/L	105

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

NS = Not Specified

B8-128

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
) - Organochlorine Pestic	ides and PCBs					
iked Analyte : PCB-10	116 CONTINUED						
pe of Spike : Laborat	cory Control						
06/15/93	LCS93-889 #MP	CHGC6A306141200		2.50	2.87	ug/L	115
06/15/93	LCSD93-889 #MP	CHGC6A306141200		2.50	2.91	ug/L	116
06/18/93	LCS93-1036 #M	CHGC6A306181200		2.50	3.02	ug/L	121
06/18/93	LCSD93-1036 #M	CHGC6A306181200		2.50	2.73	ug/L	109
06/23/93	LCS93-1036 #MP	CHGC6A306221200		2.50	3.07	ug/L	123
06/23/93	LCS931191 #MP	CHGC6A306221200		2.50	2.84	ug/L	114
06/23/93	LCSD93-1036 #MP	CHGC6A306221200		2.50	2.78	ug/L	111
06/23/93	LCSD931191 #MP	CHGC6A306221200		2.50	2.87	ug/L	115
06/23/93	LCS93 1259 #MP	CHGC7A306231200		2.50	2.07	ug/L	83
06/23/93	LCSD93 1259 #MP	CHGC7A306231200		2.50	2.05	ug/L	82
06/24/93	LCS93 1128 #MP	CHGC7A306231200		2.50	2.38	ug/L	95
06/24/93	LCSD93 1128 #MP	CHGC7A306231200		2.50	2.40	ug/L	96
08/07/93	LCS93 3027 #MP	CHGC7A308061200		2.50	2.25	ug/L	90
08/07/93	LCSD93 3027 #MP	CHGC7A308061200		2.50	2.34	ug/L	94 .
09/14/93	LCS934011 #MP K	CHGC7A309131200		2.50	2.24	ug/L	90
09/14/93	LCSD934011 #MP	CHGC7A309131200		2.50	2.23	ug/L	89
Number of S	Samples : 22		Below accepta	nce :	0		
Mean % Reco	overv : 100	.4	Above accepta	nce :	5		

Method: SW8080 - Organochlorine Pesticides and PCBs

: 13.16

Spiked Analyte : PCB-1260

Type of Spike : Laboratory Control

Standard Deviation

06/26/93	LCS 931313 #MP	CHGC1B306251200	2.50	2.22	ug/L	89
06/26/93	LCS 931353 #MP	CHGC1B306251200	2.50	2.29	ug/L	92
06/26/93	LCSD931313 #MP	CHGC1B306251200	2.50	2.19	ug/L	88
06/26/93	LCSD931353 #MP	CHGC1B306251200	2.50	2.34	ug/L	94
08/21/93	LCS933381 #MP K	CHGC1B308201200	2.50	2.51	ug/L	100
08/21/93	LCSD933381 #MP	CHGC1B308201200	2.50	2.55	ug/L	102
06/15/93	LCS93-889 #MP	CHGC6A306141200	2.50	2.76	ug/L	110
06/15/93	LCSD93-889 #MP	CHGC6A306141200	2.50	2.75	ug/L	110
06/18/93	LCS93-1036 #M	CHGC6A306181200	2.50	2.96	ug/L	118
06/18/93	LCSD93-1036 #M	CHGC6A306181200	2.50 '	3.02	ug/L	121
06/23/93	LCS93-1036 #MP	CHGC6A306221200	2.50	2.95	ug/L	118
06/23/93	LCS931191 #MP	CHGC6A306221200	2.50	3.15	ug/L	126
06/23/93	LCSD93-1036 #MP	CHGC6A306221200	2.50	3.07	ug/L	123
06/23/93	LCSD931191 #MP	CHGC6A306221200	2.50	3.30	ug/L	132
06/23/93	LCS93 1259 #MP	CHGC7A306231200	2.50	2.09	ug/L	83
06/23/93	LCSD93 1259 #MP	CHGC7A306231200	2.50	2.09	ug/L	84
06/24/93	LCS93 1128 #MP	CHGC7A306231200	2.50	2.43	ug/L	97
06/24/93	LCSD93 1128 #MP	CHGC7A306231200	2.50	2.39	ug/L	96
08/07/93	LCS93 3027 #MP	CHGC7A308061200	2.50	2.34	ug/L	94

Acceptance Criteria 50-114

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : PCB-1260 continued

Type of Spike : Laboratory Control

08/07/93	LCSD93 3027 #MP	CHGC7A308061200	2.50	2.37	ug/L	95
09/14/93	LCS934011 #MP K	CHGC7A309131200	2.50	2.47	ug/L	99
09/14/93	LCSD934011 #MP	CHGC7A309131200	2.50	2.44	ug/L	98

: 22 Number of Samples Below acceptance : Mean % Recovery : 103.1 Above acceptance : 1 Standard Deviation : 14.32 Acceptance Criteria 8-127

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : alpha-BHC

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.30	0.21	ug/L	84
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.30	0.23	ug/L	91
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.30	0.23	ug/L	93
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.30	0.25	ug/L	99
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.30	0.25	ug/L	98
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.30	0.25	ug/L	99
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.30	0.27	ug/L	109
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.30	0.14	ug/L	56
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.30	0.26	ug/L	104
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.30	0.28	ug/L	110
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.30 ·	0.27	ug/L	107
06/23/93	LCS931190 #LS	CHGC6A306221200	0.30	0.27	ug/L	109
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.30	0.28	ug/L	113
06/23/93	LCSD931120 #LS	CHGC6A306221200	0.30	0.28	ug/L	113
06/23/93	LCS93 1258 #LS	CHGC7A306231200	0.30	0.25	ug/L	100
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	0.30	0.25	ug/L	100
06/24/93	LCS93 1127 #LS	CHGC7A306231200	0.30	0.28	ug/L	111
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	0.30	0.28	ug/L	111
08/07/93	LCS93 3026 #LS	CHGC7A308061200	0.30	0.24	ug/L	96
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	0.30	0.24	ug/L	96
09/14/93	LCS934010 #LS K	CHGC7A309131200	0.25	0.25	ug/L	100
09/14/93	LCSD934010 #LS	CHGC7A309131200	0.25	0.26	ug/L	103

Number of Samples : 22 : 100.1 Mean % Recovery

: 12.49 Standard Deviation

Below acceptance : 0

Above acceptance :

Acceptance Criteria 37-134

· DA	TE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANAL	YZED	SAMPLE ID	BATCH ID	RESULT	SPIKED F	RECOVERED	UNIT	RECOVERY

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : alpha-Chlordane

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.30	0.24	ug/L	94
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.30	0.25	ug/L	102
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.30	0.26	ug/L	102
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.30	0.27	ug/L	109
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.30	0.28	ug/L	111
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.30	0.28	ug/L	113
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.30	0.25	ug/L	100
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.30	0.13	ug/L	51
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.30	0.26	ug/L	104
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.30	0.27	ug/L	107
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.30	0.27	ug/L	106
06/23/93	LCS931190 #LS	CHGC6A306221200	0.30	0.27	ug/L	108
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.30 -	0.27	ug/L	109
06/23/93	LCSD931120 #LS	CHGC6A306221200	0.30	0.28	ug/L	111
06/23/93	LCS93 1258 #LS	CHGC7A306231200	0.30	0.27	ug/L	107
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	0.30	0.27	ug/L	109
06/24/93	LCS93 1127 #LS	CHGC7A306231200	0.30	0.30	ug/L	121
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	0.30	0.30	ug/L	120
08/07/93	LCS93 3026 #LS	CHGC7A308061200	0.30	0.26	ug/L	102
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	0.30	0.26	ug/L	103
09/14/93	LCS934010 #LS K	CHGC7A309131200	0.25	0.25	ug/L	99
09/14/93	LCSD934010 #LS	CHGC7A309131200	0.25	0.26	ug/L	102

Number of Samples : 22 Mean % Recovery : 104.1 Standard Deviation : 13.46 Below acceptance :
Above acceptance :
Acceptance Criteria

0 0 NS

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : delta-BHC

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.30	0.22	ug/L	87
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.30	0.23	ug/L	93
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.30	0.24	ug/L	94
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.30	0.26	ug/L	103
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.30	0.25	ug/L	99
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.30	0.25	ug/L	100
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.30	0.27	ug/L	107
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.30	0.13	ug/L	53
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.30	0.26	ug/L	104
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.30	0.27	ug/L	107
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.30	0.27	ug/L	108
06/23/93	LCS931190 #LS	CHGC6A306221200	0.30	0.27	ug/L	106
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.30	0.28	ug/L	110

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE				ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	- Organochlorine Pes	sticides	and PCBs					`
Spiked Analyte : delta-	BHC continued							
Type of Spike : Laborat	ory Control							
06/23/93	LCSD931120 #LS		CHGC6A306221200		0.30	0.28	ug/L	110
06/23/93	LCS93 1258 #LS		CHGC7A306231200		0.30	0.25	ug/L	101
06/23/93	LCSD93 1258 #LS		CHGC7A306231200		0.30	0.25	ug/L	102
06/24/93	LCS93 1127 #LS		CHGC7A306231200		0.30	0.28	ug/L	113
06/24/93	LCSD93 1127 #LS		CHGC7A306231200		0.30	0.28	ug/L	112
08/07/93	LCS93 3026 #LS		CHGC7A308061200		0.30	0.25	ug/L	100
08/07/93	LCSD93 3026 #LS		CHGC7A308061200		0.30	0.25	ug/L	100
09/14/93	LCS934010 #LS K		CHGC7A309131200		0.25	0.28	ug/L	112
09/14/93	LCSD934010 #LS		CHGC7A309131200		0.25	0.29	ug/L	116
Number of S	amples :	22		Below acceptance	:	0		
Mean % Reco	very :	101.7		Above acceptance		0		

Acceptance Criteria 19-140

 ${\tt Method} \; : \; {\tt SW8080 - Organochlorine Pesticides \; and \; PCBs}$

: 12.99

Spiked Analyte : gamma-BHC(Lindane)

Standard Deviation

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.30	0.22	ug/L	86
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.30	0.23	ug/L	93
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.30	0.24	ug/L	95
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.30 ·	0.25	ug/L	101
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.30	0.25	ug/L	100
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.30	0.25	ug/L	101
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.30	0.27	ug/L	107
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.30	0.14	ug/L	57
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.30	0.26	ug/L	103
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.30	0.27	ug/L	107
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.30	0.26	ug/L	105
06/23/93	LCS931190 #LS	CHGC6A306221200	0.30	0.27	ug/L	107
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.30	0.27	ug/L	110
06/23/93	LCSD931120 #LS	CHGC6A306221200	0.30	0.27	ug/L	110
06/23/93	LCS93 1258 #LS	CHGC7A306231200	0.30	0.24	ug/L	97
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	0.30	0.24	ug/L	97
06/24/93	LCS93 1127 #LS	CHGC7A306231200	0.30	0.27	ug/L	109
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	0.30	0.27	ug/L	108
08/07/93	LCS93 3026 #LS	CHGC7A308061200	0.30	0.24	ug/L	96
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	0.30	0.24	ug/L	97
09/14/93	LCS934010 #LS K	CHGC7A309131200	0.25	0.25	ug/L	100
09/14/93	LCSD934010 #LS	CHGC7A309131200	0.25	0.26	ug/L	103

Number of Samples : 22 Below acceptance : 0
Mean % Recovery : 99.5 Above acceptance : 0
Standard Deviation : 11.33 Acceptance Criteria 32-127

DATE ORIG. AMOUNT AMOUNT RESULT % **ANALYZED** SAMPLE ID BATCH ID **RESULT** SPIKED RECOVERED UNIT RECOVERY ----

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : gamma-BHC(Lindane) continued

Type of Spike : Matrix Spike

Type of Spike: Matrix Spike

06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.21	ug/L	100
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	ND	0.20	0.20	ug/L	95
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.19	ug/L	81
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	0.03	0.20	0.18	ug/L	80
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	0.20	0.19	ug/L	97
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	ND	2.00	0.19	ug/L	10

Number of Samples Mean % Recovery 77.2 Standard Deviation 33.96

Below acceptance : Above acceptance: - 0

Acceptance Criteria 32-127

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : gamma-Chlordane

Type of Spike : Laboratory Control

06/26/93	LCS 931352 #LS	CHGC1B306251200	0.30	0.22	ug/L	88
06/26/93	LCS931312 #LS K	CHGC1B306251200	0.30	0.24	ug/L	95
06/26/93	LCSD931312 #LS	CHGC1B306251200	0.30	0.24	ug/L	96
06/26/93	LCSD931352 #LS	CHGC1B306251200	0.30	0.25	ug/L	102
08/21/93	LCS933380 #LS K	CHGC1B308201200	0.30	0.26	ug/L	104
08/21/93	LCSD933380 #LS	CHGC1B308201200	0.30	0.26	ug/L	105
06/15/93	LCS93-963 #LS	CHGC6A306141200	0.30	0.23	ug/L	93
06/15/93	LCSD93-963 #LS	CHGC6A306141200	0.30	0.12	ug/L	48
06/18/93	LCS93-1035 #L	CHGC6A306181200	0.30	0.24	ug/L	96
06/18/93	LCSD93-1035 #L	CHGC6A306181200	0.30	0.25	ug/L	99
06/23/93	LCS93-1035 #LS	CHGC6A306221200	0.30	0.25	ug/L	98
06/23/93	LCS931190 #LS	CHGC6A306221200	0.30	0.25	ug/L	99
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	0.30	0.25	ug/L	101
06/23/93	LCSD931120 #LS	CHGC6A306221200	0.30	0.26	ug/L	103
06/23/93	LCS93 1258 #LS	CHGC7A306231200	0.30	0.26	ug/L	102
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	0.30	0.26	ug/L	104
06/24/93	LCS93 1127 #LS	CHGC7A306231200	0.30	0.29	ug/L	115
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	0.30	0.29	ug/L	114
08/07/93	LCS93 3026 #LS	CHGC7A308061200	0.30	0.24	ug/L	95
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	0.30	0.24	ug/L	95
09/14/93	LCS934010 #LS K	CHGC7A309131200	0.25	0.24	ug/L	97
09/14/93	LCSD934010 #LS	CHGC7A309131200	0.25	0.25	ug/L	100

Number of Samples : 22 Mean % Recovery : 97.7 Standard Deviation 12.72 Below acceptance : Above acceptance : Acceptance Criteria

NS

DATE	CAUDIT TO			MOUNT		RESUL	
ANALYZED 	SAMPLE ID	BATCH ID	RESULT S	PIKED 	RECOVERED	UNIT	RECOV
Method : SW8080 piked Analyte : 2,4,5,0	- Organochlorine Pes 6-Tetrachloro-m-xyler						
Type of Spike : Surroga	ate - Field Duplicate	•					
06/26/93	03-GW-02-DS-03	CHGC1B306251200	1	.00	0.75	ug/L	76
06/26/93	05-MW-03-DS-03	CHGC1B306251200	1	.00	0.98	ug/L	97
06/15/93	12-MW-02-DS-03	CHGC6A306141200	1	.10	1.02	ug/L	96
06/18/93	07-MW-02-DS-03	CHGC6A306181200	1	.00	0.85	ug/L	85
Number of Sa		4	Below acceptance	:	0		
Mean % Recov	very :	88.5	Above acceptance	:	0	•	
Standard Dev	viation :	9.95	Acceptance Criteri	a 2	0-142		
ype of Spike : Surroga	ate - Laboratory Cont	rol					
06/26/93	LCS 931313 #MP	CHGC1B306251200	1.	00	0.83	ug/L	83
06/26/93	LCS 931352 #LS	CHGC1B306251200	1.	00	0.64	ug/L	64
06/26/93	LCS 931353 #MP	CHGC1B306251200	1.	00	0.74	ug/L	74
06/26/93	LCS931312 #LS K	CHGC1B306251200	1.	00	0.87	ug/L	87
06/26/93	LCSD931312 #LS	CHGC1B306251200	1.	00	0.82	ug/L	82
06/26/93	LCSD931313 #MP	CHGC1B306251200	1.	00	0.78	ug/L	78
06/26/93	LCSD931352 #LS	CHGC1B306251200	1.	00	0.76	ug/L	76
06/26/93	LCSD931353 #MP	CHGC1B306251200	1.	00	0.79	ug/L	79
08/21/93	LCS933380 #LS K	CHGC1B308201200	1.	00	0.96	ug/L	96
08/21/93	LCS933381 #MP K	CHGC1B308201200		00	0.91	ug/L	91
08/21/93	LCSD933380 #LS	CHGC1B308201200	1.	00	0.92	ug/L	92
08/21/93	LCSD933381 #MP	CHGC1B308201200	1.	00	0.94	ug/L	94
06/15/93	LCS93-889 #MP	CHGC6A306141200	1.	00	0.92	ug/L	92
06/15/93	LCS93-963 #LS	CHGC6A306141200	1.	00	0.89	ug/L	89
06/15/93	LCSD93-889 #MP	CHGC6A306141200	1.	00	0.91	ug/L	91
06/15/93	LCSD93-963 #LS	CHGC6A306141200	1.	00	0.47	ug/L	47
06/18/93	LCS93-1035 #L	CHGC6A306181200	1.	00	0.70	ug/L	70
06/18/93	LCS93-1036 #M	CHGC6A306181200	1.	00	0.85	ug/L	85
06/18/93	LCSD93-1035 #L	CHGC6A306181200	1.	00	0.78	ug/L	78
	LCSD93-1036 #M	CHGC6A306181200	1.	00	0.82	ug/L	82
06/18/93		CUCCC#20001000	1.	00	0.73	ug/L	72
06/23/93	LCS93-1035 #LS	CHGC6A306221200					86
06/23/93 06/23/93	LCS93-1035 #LS LCS93-1036 #MP	CHGC6A306221200	1.		0.86	ug/L	00
05/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS			00	0.86 0.94	ug/L ug/L	94
06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP	CHGC6A306221200	1.	00 00			
06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS	CHGC6A306221200 CHGC6A306221200	1. 1.	00 00 00	0.94	ug/L	94
06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200	1. 1. 1.	00 00 00 00	0.94 1.02	ug/L ug/L ug/L	94 102
06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP LCSD93-1035 #LS	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200	1. 1. 1.	00 00 00 00 00	0.94 1.02 0.79	ug/L ug/L ug/L ug/L	94 102 79
06/23/93 06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP LCSD93-1035 #LS LCSD93-1036 #MP	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200	1. 1. 1. 1.	00 00 00 00 00 00	0.94 1.02 0.79 0.83	ug/L ug/L ug/L ug/L ug/L	94 102 79 83
06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP LCSD93-1035 #LS LCSD93-1036 #MP LCSD931120 #LS	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200	1. 1. 1. 1. 1.	00 00 00 00 00 00	0.94 1.02 0.79 0.83 0.93	ug/L ug/L ug/L ug/L ug/L ug/L	94 102 79 83 93
06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP LCSD93-1035 #LS LCSD93-1036 #MP LCSD931120 #LS LCSD931191 #MP	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200	1. 1. 1. 1. 1. 1. 1.	00 00 00 00 00 00 00	0.94 1.02 0.79 0.83 0.93 0.96	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	94 102 79 83 93 96 64
06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP LCSD93-1035 #LS LCSD93-1036 #MP LCSD931120 #LS LCSD931191 #MP LCS93 1258 #LS	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306231200	1. 1. 1. 1. 1. 1. 1. 1.	00 00 00 00 00 00 00 00	0.94 1.02 0.79 0.83 0.93 0.96 0.64	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	94 102 79 83 93 96 64 55
06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP LCSD93-1035 #LS LCSD93-1036 #MP LCSD931120 #LS LCSD931191 #MP LCS93 1258 #LS LCS93 1259 #MP	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200	1. 1. 1. 1. 1. 1. 1. 1. 1.	00 00 00 00 00 00 00 00	0.94 1.02 0.79 0.83 0.93 0.96 0.64 0.55	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	94 102 79 83 93 96 64 55
06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93	LCS93-1036 #MP LCS931190 #LS LCS931191 #MP LCSD93-1035 #LS LCSD93-1036 #MP LCSD931120 #LS LCSD931191 #MP LCS93 1258 #LS LCSD93 1259 #MP LCSD93 1258 #LS	CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC7A306231200 CHGC7A306231200 CHGC7A306231200	1. 1. 1. 1. 1. 1. 1. 1. 1.	00 00 00 00 00 00 00 00 00 00	0.94 1.02 0.79 0.83 0.93 0.96 0.64	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	94 102 79 83 93 96 64 55

DATE				ORIG.	AMOUNT	AMOUNT	RESULT	
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT 	RECOVE
Method : SW8080 piked Analyte : 2,4,5,) - Organochlorine ,6-Tetrachloro-m-x							
ype of Spike : Surroga	ate - Laboratory C	ontrol						
06/24/93	LCSD93 1127	#LS	CHGC7A306231200		1.00	0.92	ug/L	92
06/24/93	LCSD93 1128	#MP	CHGC7A306231200		1.00	0.80	ug/L	80
08/07/93	LCS93 3026 #		CHGC7A308061200		1.00	0.79	ug/L	79
08/07/93	LCS93 3027 #		CHGC7A308061200		1.00	0.73	ug/L	73
08/07/93	LCSD93 3026		CHGC7A308061200		1.00	0.72	ug/L	72
08/07/93	LCSD93 3027		CHGC7A308061200		1.00	0.79	ug/L	79
09/14/93	LCS934010 #L		CHGC7A309131200		1.00	0.70	ug/L	70
09/14/93	LCS934011 #M		CHGC7A309131200		1.00	0.64	ug/L	64
09/14/93	LCSD934010 #		CHGC7A309131200		1.00 ·	0.71	ug/L	71
09/14/93	LCSD934011 #	MP	CHGC7A309131200		1.00	0.66	ug/L	66
Number of S	Gamples	: 44		Below acceptan	 ice :	0		
Mean % Reco		: 79.	5	Above acceptan	ice :	0		
Standard De	-	: 12.		Acceptance Cri		20-142		
06/15/93	12-MW-02-DS-	03 M	CHGC6A306141200		1.00	1.06	ug/L	103
06/15/93 06/15/93	12-MW-02-DS- 12-MW-02-DS-		CHGC6A306141200 CHGC6A306141200		1.00	1.06 1.00	ug/L ug/L	103 97
06/15/93 06/15/93 06/18/93		03 M					_	
06/15/93	12-MW-02-DS-	03 M 03 M	CHGC6A306141200		1.00	1.00	ug/L	97
06/15/93 06/18/93	12-MW-02-DS- 07-MW-02-DS-	03 M 03 M 03 M	CHGC6A306141200 CHGC6A306181200		1.00 1.00	1.00 0.79	ug/L ug/L	97 80
06/15/93 06/18/93 06/18/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS-	03 M 03 M 03 M 03 M	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200		1.00 1.00 1.00	1.00 0.79 0.79	ug/L ug/L ug/L	97 80 79
06/15/93 06/18/93 06/18/93 06/23/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS-	03 M 03 M 03 M 03 M	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200	Below acceptan	1.00 1.00 1.00 10.00 1.00	1.00 0.79 0.79 0.82	ug/L ug/L ug/L ug/L	97 80 79 8
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS-	03 M 03 M 03 M 03 M 03 M	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200	Below acceptan	1.00 1.00 1.00 10.00 1.00	1.00 0.79 0.79 0.82 0.81	ug/L ug/L ug/L ug/L	97 80 79 8
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- camples	03 M 03 M 03 M 03 M 03 M	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200	•	1.00 1.00 1.00 10.00 1.00	1.00 0.79 0.79 0.82 0.81	ug/L ug/L ug/L ug/L	97 80 79 8
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- camples	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200	Above acceptan	1.00 1.00 1.00 10.00 1.00	1.00 0.79 0.79 0.82 0.81	ug/L ug/L ug/L ug/L	97 80 79 8
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- camples every eviation gate - Normal Samp	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200	Above acceptan	1.00 1.00 1.00 10.00 1.00 	1.00 0.79 0.79 0.82 0.81	ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- camples every eviation gate - Normal Samp	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200	Above acceptan	1.00 1.00 1.00 10.00 1.00 	1.00 0.79 0.79 0.82 0.81	ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- camples every eviation 03-GW-02-03 03-GW-02-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 10.00 1.00 	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-MW-02-DS- 03-GW-02-03 03-GW-02-03 03-GW-03-03 03-GW-04-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC6A306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 10.00 1.00 	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Sype of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-DS- 03-GW-02-03 03-GW-03-03 03-GW-04-03 05-MW-01-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC6A306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 1.00 1.00 	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Type of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-03 03-GW-02-03 03-GW-03-03 03-GW-04-03 05-MW-01-03 05-MW-02-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC6B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 10.00 1.00 	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Sype of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 6amples every eviation 03-GW-02-03 03-GW-03-03 03-GW-04-03 05-MW-01-03 05-MW-02-03 05-MW-03-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 1.00 1.00 	1.00 0.79 0.79 0.82 0.81 1 0 0-142 0.73 0.76 0.77 0.88 0.93 1.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94 101
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Type of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 30-MW-02-DS- 303-GW-02-03 03-GW-02-03 03-GW-04-03 05-MW-01-03 05-MW-03-03 05-MW-03-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 1.00 1.00 	1.00 0.79 0.82 0.81 1 0 0-142 0.73 0.76 0.77 0.88 0.93 1.00 0.87	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94 101 88
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Sype of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-03 03-GW-02-03 03-GW-03-03 03-GW-04-03 05-MW-01-03 05-MW-03-03 05-MW-04-03 05-MW-04-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 1.00 1.00 	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94 101 88 73
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De ype of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-03 03-GW-02-03 03-GW-04-03 05-MW-01-03 05-MW-04-03 05-MW-04-03 05-MW-05-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 1.00 1.00 	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Type of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-03 03-GW-02-03 03-GW-04-03 05-MW-01-03 05-MW-03-03 05-MW-05-03 05-MW-05-03 07-MW-01-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 1.00 1.00 	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94 101 88 73 89 102
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Type of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 08/21/93 08/21/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-03 03-GW-03-03 03-GW-04-03 05-MW-01-03 05-MW-03-03 05-MW-04-03 05-MW-05-03 05-MW-06-03 07-MW-01-03 07-MW-01-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200 CHGC1B308201200 CHGC1B308201200 CHGC1B308201200	Above acceptan	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94 101 88 73 89 102 96
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Sype of Spike : Surrog 06/26/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-03 03-GW-03-03 03-GW-04-03 05-MW-01-03 05-MW-03-03 05-MW-04-03 05-MW-05-03 07-MW-01-03 07-MW-01-03 07-MW-03-03 04-MW-03-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC6B306221200 CHGC1B306251200	Above acceptan	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00 0.79 0.79 0.82 0.81 1 0 0-142 0.73 0.76 0.77 0.88 0.93 1.00 0.87 0.74 0.88 1.14 1.00 0.94	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94 101 88 73 89 102 96 95
06/15/93 06/18/93 06/18/93 06/23/93 06/23/93 06/23/93 Number of S Mean % Reco Standard De Type of Spike : Surrog 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 06/26/93 08/21/93 08/21/93	12-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 07-MW-02-DS- 03-GW-02-03 03-GW-03-03 03-GW-04-03 05-MW-01-03 05-MW-03-03 05-MW-04-03 05-MW-05-03 05-MW-06-03 07-MW-01-03 07-MW-01-03	03 M 03 M 03 M 03 M 03 M : 6 : 74.	CHGC6A306141200 CHGC6A306181200 CHGC6A306181200 CHGC6A306221200 CHGC6A306221200 CHGC1B306251200 CHGC1B308201200 CHGC1B308201200 CHGC1B308201200	Above acceptan	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00 0.79 0.79 0.82 0.81 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	97 80 79 8 82 74 78 76 88 94 101 88 73 89 102 96

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable

NR = Not Reported * = Value considered suspect, refer to QC report

DATE			ORIG. AMOUN	T AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT SPIKE	RECOVERED	UNIT	RECOVE
						
Method : SW8080) - Organochlorine Pes	ticides and PCBs				
Spiked Analyte : 2,4,5,	6-Tetrachloro-m-xylen	e continued				
Type of Spike : Surroga	ite - Normal Sample					
06/15/93	12-MW-01-03	CHGC6A306141200	1.00	0.99	ug/L	98
06/15/93	12-MW-02-03	CHGC6A306141200	1.00	0.94	ug/L	93
06/19/93	06-MW-03-03	CHGC6A306181200	1.00	0.87	ug/L	88
06/19/93	07-MW-02-03	CHGC6A306181200	1.00	0.80	ug/L	80
06/19/93	10-MW-01-03	CHGC6A306181200	1.00	0.86	ug/L	88
06/19/93	10-MW-02-03	CHGC6A306181200	1.00	0.80	ug/L	80
06/23/93	09-MW-03-03	CHGC6A306221200	1.00	0.91	ug/L	95
06/23/93	09-MW-04-03	CHGC6A306221200	1.00	0.96	ug/L	99
06/24/93	09-MW-05-03	CHGC6A306221200	1.00	0.93	ug/L	97
06/24/93	09-MW-06-03	CHGC6A306221200	1.00	0.94	ug/L	98
06/23/93	06-MW-01-03	CHGC7A306231200	1.00	0.84	ug/L	81
06/24/93	01-MW-01-03	CHGC7A306231200	1.00	0.90	ug/L	88
06/24/93	01-MW-02-03	CHGC7A306231200	1.00	1.07	ug/L	103
06/24/93	06-MW-02-03	CHGC7A306231200	1.00	0.86	ug/L	86
06/24/93	06-MW-04-03	CHGC7A306231200	1.00	0.67	ug/L	68
06/24/93	09- MW -01-03	CHGC7A306231200	1.00	0.91	ug/L	88
06/24/93	09-MW-02-03	CHGC7A306231200	1.00	0.96	ug/L	93
08/07/93	07-MW-04-03	CHGC7A308061200	1.10	0.96	ug/L	89
09/14/93	03-GW-01-03	CHGC7A309131200	1.02 -	0.71	ug/L	70
Number of S	amples : 3	3	Below acceptance :	 0		
Mean % Reco	very :	88.5	Above acceptance :	0		
Standard De	viation :	9.41		20-142		
Method : SW8080 Spiked Analyte : Dibuty	- Organochlorine Pest Ichlorendate	icides and PCBs				
Type of Spike : Surroga	ate - Field Duplicate					
06/26/93	03-GW-02-DS-03	CUCC1 P2062 E1200	1.00			
06/26/93	05-MW-03-DS-03	CHGC1B306251200 CHGC1B306251200	1.00	1.08	-	110
06/15/93	12-MW-02-DS-03	CHGC6A306141200	1.00	1.14		113
06/18/93	07-MW-02-DS-03	CHGC6A306181200	1.10 1.00	1.25 1.22	•	118 122
N. I						
Number of Sa		4	Below acceptance :	0		
Mean % Recov	•		Above acceptance :	0		
Standard Dev	viation :	5.32	Acceptance Criteria 2	24-154		
Type of Spike : Surroga	te - Laboratory Contro	ol				
31p			·			
	ICC 031312 #MD	CUCC1 D2000 C1 000				
06/26/93	LCS 931313 #MP	CHGC1B306251200	1.00	0.83	_	83
06/26/93 06/26/93	LCS 931352 #LS	CHGC1B306251200	1.00	1.08	ug/L	108
06/26/93					ug/L :	

ND = Not Detected

NC = Not Calculable

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZE	D SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate continued

Type of Spike : Surrogate - Laboratory Control

06/26/93	LCSD931312 #LS	CHGC1B306251200	1.00	1.22	ug/L	122
06/26/93	LCSD931313 #MP	CHGC1B306251200	1.00	0.81	ug/L	81
06/26/93	LCSD931352 #LS	CHGC1B306251200	1.00	1.24	ug/L	124
06/26/93	LCSD931353 #MP	CHGC1B306251200	1.00	0.85	ug/L	85
08/21/93	LCS933380 #LS K	CHGC1B308201200	1.00	1.31	ug/L	131
08/21/93	LCS933381 #MP K	CHGC1B308201200	1.00	0.90	ug/L	90
08/21/93	LCSD933380 #LS	CHGC1B308201200	1.00	1.29	ug/L	129
08/21/93	LCSD933381 #MP	CHGC1B308201200	1.00	0.90	ug/L	90
06/15/93	LCS93-889 #MP	CHGC6A306141200	1.00 .	1.15	ug/L	115
06/15/93	LCS93-963 #LS	CHGC6A306141200	1.00	1.13	ug/L	113
06/15/93	LCSD93-889 #MP	CHGC6A306141200	1.00	1.13	ug/L	113
06/15/93	LCSD93-963 #LS	CHGC6A306141200	1.00	0.61	ug/L	61
06/18/93	LCS93-1035 #L	CHGC6A306181200	1.00	1.22	ug/L	122
06/18/93	LCS93-1036 #M	CHGC6A306181200	1.00	1.21	ug/L	121
06/18/93	LCSD93-1035 #L	CHGC6A306181200	1.00	1.26	ug/L	126
06/18/93	LCSD93-1036 #M	CHGC6A306181200	1.00	1.20	ug/L	120
06/23/93	LCS93-1035 #LS	CHGC6A306221200	1.00	1.22	ug/L	122
06/23/93	LCS93-1036 #MP	CHGC6A306221200	1.00	1.18	ug/L	118
06/23/93	LCS931190 #LS	CHGC6A306221200	1.00	1.27	ug/L	127
06/23/93	LCS931191 #MP	CHGC6A306221200	1.00	1.20	ug/L	120
06/23/93	LCSD93-1035 #LS	CHGC6A306221200	1.00	1.26	ug/L	126
06/23/93	LCSD93-1036 #MP	CHGC6A306221200	1.00	1.20	ug/L	120
06/23/93	LCSD931120 #LS	CHGC6A306221200	1.00	1.28	ug/L	128
06/23/93	LCSD931191 #MP	CHGC6A306221200	1.00	1.19	ug/L	119
06/23/93	LCS93 1258 #LS	CHGC7A306231200	1.00	1.16	ug/L	116
06/23/93	LCS93 1259 #MP	CHGC7A306231200	1.00	1.03	ug/L	103
06/23/93	LCSD93 1258 #LS	CHGC7A306231200	1.00	1.17	ug/L	117
06/23/93	LCSD93 1259 #MP	CHGC7A306231200	1.00	1.04	ug/L	104
06/24/93	LCS93 1127 #LS	CHGC7A306231200	1.00	1.28	ug/L	128
06/24/93	LCS93 1128 #MP	CHGC7A306231200	1.00	1.14	ug/L	114
06/24/93	LCSD93 1127 #LS	CHGC7A306231200	1.00	1.30	ug/L	130
06/24/93	LCSD93 1128 #MP	CHGC7A306231200	1.00	1.10	ug/L	110
08/07/93	LCS93 3026 #LS	CHGC7A308061200	1.00	1.13	ug/L	113
08/07/93	LCS93 3027 #MP	CHGC7A308061200	1.00	1.12	ug/L	112
08/07/93	LCSD93 3026 #LS	CHGC7A308061200	1.00	1.14	ug/L	114
08/07/93	LCSD93 3027 #MP	CHGC7A308061200	1.00	1.14	ug/L	114
09/14/93	LCS934010 #LS K	CHGC7A309131200	1.00	1.14	ug/L	114
09/14/93	LCS934011 #MP K	CHGC7A309131200	1.00	1.11	ug/L	111
09/14/93	LCSD934010 #LS	CHGC7A309131200	1.00	1.18	ug/L	118
09/14/93	LCSD934011 #MP	CHGC7A309131200	1.00	1.10	ug/L	110

Number of Samples : 44
Mean % Recovery : 112.5
Standard Deviation : 15.44

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 24-154

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

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ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate continued

Type of Spike : Surrogate - Matrix Spike

Type of Spike : Surrogate - Matrix Spike

06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	1.00	1.28	ug/L	124
06/15/93	12-MW-02-DS-03 M	CHGC6A306141200	1.00	1.22	ug/L	118
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	1.00	1.19	ug/L	121
06/18/93	07-MW-02-DS-03 M	CHGC6A306181200	1.00	1:23	ug/L	123
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	1.00	1.04	ug/L	106
06/23/93	07-MW-02-DS-03 M	CHGC6A306221200	10.00	1.08	ug/L	11
					_	

Number of Samples: 6Below acceptance : 1Mean % Recovery: 100.5Above acceptance : 0Standard Deviation: 44.33Acceptance Criteria 24-154

Type of Spike : Surrogate - Normal Sample

06/26/93	03-GW-02-03	CHGC1B306251200	1.00	1.07	ug/L	109
06/26/93	03-GW-03-03	CHGC1B306251200	1.00 -	1.09	ug/L	111
06/26/93	03-GW-04-03	CHGC1B306251200	1.00	1.13	ug/L	113
06/26/93	05-MW-01-03	CHGC1B306251200	1.00	1.24	ug/L	125
06/26/93	05-MW-02-03	CHGC1B306251200	1.00	1.27	ug/L	128
06/26/93	05-MW-03-03	CHGC1B306251200	1.00	1.14	ug/L	115
06/26/93	05-MW-04-03	CHGC1B306251200	1.00	1.18	ug/L	119
06/26/93	05-MW-05-03	CHGC1B306251200	1.00	1.22	ug/L	120
06/26/93	05-MW-06-03	CHGC1B306251200	1.00	1.20	ug/L	121
08/21/93	07-MW-01-03	CHGC1B308201200	1.10	1.47	ug/L	131
08/21/93	07-MW-03-03	CHGC1B308201200	1.00	1.37	ug/L	132
06/15/93	04-MW-02-03	CHGC6A306141200	1.00	1.17	ug/L	118
06/15/93	04-MW-03-03	CHGC6A306141200	1.00	1.18	ug/L	122
06/15/93	10-MW-03-03	CHGC6A306141200	1.00	1.22	ug/L	121
06/15/93	12-MW-01-03	CHGC6A306141200	1.00	1.17	ug/L	116
06/15/93	12-MW-02-03	CHGC6A306141200	1.00	1.21	ug/L	119
06/19/93	06-MW-03-03	CHGC6A306181200	1.00	1.25	ug/L	126
06/19/93	07-MW-02-03	CHGC6A306181200	1.00	1.22	ug/L	122
06/19/93	10-MW-01-03	CHGC6A306181200	1.00	1.19	ug/L	121
06/19/93	10-MW-02-03	CHGC6A306181200	1.00	1.27	ug/L	127
06/23/93	09-MW-03-03	CHGC6A306221200	1.00	1.26	ug/L	131
06/23/93	09-MW-04-03	CHGC6A306221200	1.00	1.29	ug/L	134
06/24/93	09-MW-05-03	CHGC6A306221200	1.00	1.25	ug/L	130
06/24/93	09-MW-06-03	CHGC6A306221200	1.00	1.29	ug/L	134
06/23/93	06-MW-01-03	CHGC7A306231200	1.00	1.26	ug/L	122
06/24/93	01-MW-01-03	CHGC7A306231200	1.00	1.30	ug/L	126
06/24/93	01-MW-02-03	CHGC7A306231200	1.00	1.31	ug/L	127
06/24/93	06-MW-02-03	CHGC7A306231200	1.00	1.21	ug/L	121
06/24/93	06-MW-04-03	CHGC7A306231200	1.00	1.10	ug/L	112
					-	

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVI
Method : SW8080 Diked Analyte : Dibuty	- Organochlorin			s and PCBs					
ype of Špike : Surroga									
06/24/93	09-MW-01-03			CHGC7A306231200		1.00	1.26	ug/L	123
06/24/93	09-MW-02-03			CHGC7A306231200		1.00	1.29	ug/L	125
08/07/93	07-MW-04-03			CHGC7A308061200		1.10	1.23	-	115
09/14/93	03-GW-01-03			CHGC7A309131200		1.02	0.70	ug/L	69
Number of S	amples	:	33		Below acceptant	e :	0		
Mean % Reco		:	120.8		Above acceptant	e:	0		
Standard De	viation	:	11.40		Acceptance Crit	eria 2	24-154		
	- Volatile Orga Trichloroethane	nics							
oiked Analyte : 1,1,1-	Trichloroethane	nics							
oiked Analyte : 1,1,1- Type of Spike : Labora 06/26/93	Trichloroethane tory Control LCS931797	nics		MS4502306260811		20.00	20.40	ug/L	102
iked Analyte : 1,1,1-	Trichloroethane	nics		MS4502306260811 MS4502306260811		20.00	20.40 18.60	ug/L ug/L	102 93
oiked Analyte : 1,1,1- Type of Spike : Labora 06/26/93 06/26/93	Trichloroethane tory Control LCS931797		2	MS4502306260811	Below acceptanc	20.00 		•	
oiked Analyte : 1,1,1- Type of Spike : Labora 06/26/93 06/26/93	Trichloroethane tory Control  LCS931797 LCS931798amples		 2 97.5	MS4502306260811		20.00 	18.60	•	
oiked Analyte : 1,1,1- Type of Spike : Labora  06/26/93  06/26/93  Number of S	Trichloroethane tory Control  LCS931797 LCS931798amples very		97.5	MS4502306260811	Below acceptanc	20.00 ce :	18.60	•	
oiked Analyte : 1,1,1- Type of Spike : Labora  06/26/93  06/26/93  Number of S  Mean % Reco Standard De	Trichloroethane tory Control  LCS931797 LCS931798	: :	97.5	MS4502306260811	Below acceptano Above acceptano	20.00 ce :	18.60 0 0	•	
ype of Spike : Labora  06/26/93  06/26/93  Number of S  Mean % Reco Standard De	Trichloroethane tory Control  LCS931797 LCS931798 amples very viation  - Volatile Orga	: : :	97.5	MS4502306260811	Below acceptano Above acceptano	20.00 ce :	18.60 0 0	•	
oiked Analyte : 1,1,1- Type of Spike : Labora  06/26/93  06/26/93  Number of S  Mean % Reco Standard De  Method : SW8240 Diked Analyte : 1,1,2,	Trichloroethane tory Control  LCS931797 LCS931798 amples very viation  - Volatile Orga 2-Tetrachloroeth	: : :	97.5	MS4502306260811	Below acceptano Above acceptano	20.00 ce :	18.60 0 0	•	
Oiked Analyte : 1,1,1- Type of Spike : Labora  06/26/93  06/26/93  Number of S  Mean % Reco Standard De	Trichloroethane tory Control  LCS931797 LCS931798 amples very viation  - Volatile Orga 2-Tetrachloroeth	: : :	97.5	MS4502306260811	Below acceptano Above acceptano	20.00 ce :	18.60 0 0	•	

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 93.5 Above acceptance : 0
Standard Deviation : 4.95 Acceptance Criteria 46-157

DATE ANALYZED	SAMPLE ID		BATCH ID		AMOUNT SPIKEĎ	AMOUNT RECOVERED	RESUL [*] UNIT	
Method : SW8240 Spiked Analyte : 1,1,2-		nics						
Type of Spike : Labora	tory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		0.00 0.00	19.10 17.80	ug/L ug/L	95 89
Number of Sa Mean % Recov Standard Dev	/ery	: 2 : 92.0 : 4.24	·	Below acceptance Above acceptance Acceptance Crite	:	0 0 52-150		
Method : SW8240 Spiked Analyte : 1,1-Did		nics						
Type of Spike : Laborat	cory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		0.00 0.00 ·	21.40 18.80	ug/L ug/L	107 94
Number of Sa Mean % Recov Standard Dev	very	: 2 : 100.5 : 9.19		Below acceptance Above acceptance Acceptance Criter	:	0 0 9-155		
Method : SW8240 Spiked Analyte : 1,1-Dic	_	nics						
Type of Spike : Laborat	ory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		0.00	18.70 17.10	ug/L ug/L	93 85
Number of Sa Mean % Recov Standard Dev	ery	: 2 : 89.0 : 5.66	·	Below acceptance Above acceptance Acceptance Criter	:	0 0 0 D-234		
Method : SW8240 Spiked Analyte : 1,2-Dic	_	nics						•
Type of Spike : Laborat	ory Control				٠			
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		).00 ).00	22.50 18.20	ug/L ug/L	112 91
Number of Sa Mean % Recov Standard Dev	ery	: 2 : 101.5 : 14.85		Below acceptance Above acceptance Acceptance Criter	: (	 0 0 9-155		

ND = Not Detected

ORIG. AMOUNT AMOUNT RESULT DATE SPIKED RECOVERED UNIT RECOVERY RESULT ANALYZED SAMPLE ID BATCH ID Method: SW8240 - Volatile Organics Spiked Analyte: 1,2-Dichloropropane Type of Spike : Laboratory Control MS4502306260811 20.00 22.30 ug/L 111 06/26/93 LCS931797 20.00 18.90 ug/L 95 LCS931798 MS4502306260811 06/26/93 : 2 Below acceptance :
Above acceptance : 0 Number of Samples Mean % Recovery : 103.0 : 11.31 Acceptance Criteria D-210 Standard Deviation Method: SW8240 - Volatile Organics Spiked Analyte : 2-Butanone(MEK) Type of Spike : Laboratory Control 94.20 MS4502306260811 100.00 ug/L 94 LCS931797 06/26/93 100.00 LCS931798 MS4502306260811 93.30 ug/L 93 06/26/93 Number of Samples Below acceptance : . : 93.5 Above acceptance : 0 Mean % Recovery : .71 Standard Deviation Acceptance Criteria 55-127 Method: SW8240 - Volatile Organics Spiked Analyte: 2-Chloroethyl vinyl ether Type of Spike : Laboratory Control 06/26/93 LCS931797 MS4502306260811 20.00 28.30 ug/L 141 LCS931798 MS4502306260811 . 20.00 23.50 ug/L 117 06/26/93 Number of Samples : 2 Mean % Recovery : 129.0 Below acceptance : Above acceptance :
Acceptance Criteria : 129.0 0 : 16.97 Standard Deviation D-305 Method: SW8240 - Volatile Organics Spiked Analyte : 2-Hexanone Type of Spike : Laboratory Control LCS931797 MS4502306260811 100.00 84.40 ug/L 84 06/26/93 100.00 ug/L 94 LCS931798 MS4502306260811 93.60 Number of Samples : 2 Below acceptance : 0 : 89.0 Mean % Recovery Above acceptance : Standard Deviation NS : 7.07 Acceptance Criteria

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8240 Spiked Analyte : 4-Meth	- Volatile Orga yl-2-pentanone(M							
Type of Spike : Labora	tory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		00.00 00.00	85.00 80.60	ug/L ug/L	85 81
Number of Se		: 2		Below acceptanc		0		
Mean % Reco Standard De	-	: 83.0 : 2.8		Above acceptanc Acceptance Crit		O NS		
Method : SW8240 Spiked Analyte : Acetone		nics						
Type of Spike : Laborat	tory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		00.00 00.00	105.00 85.70	ug/L ug/L	105 86
Number of Sa Mean % Recov	· ·	: 2		Below acceptance		0		
Standard Dev	-	: 95.5 : 13.4		Above acceptance Acceptance Crite		0 NS		
Method : SW8240 piked Analyte : Benzene	_	nics						
Type of Spike : Laborat	ory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		20.00 20.00	20.70 20.00	ug/L ug/L	103 100
Number of Sa Mean % Recov	ery	: 2 : 101.5		Below acceptance	: :	o 0		
Standard Dev	iation	: 2.12	2	Acceptance Crite	eria 3	7-151		
Method : SW8240 piked Analyte : Bromodi		iics			•			
Type of Spike : Laborat	ory Control						•	
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		0.00	21.60 18.70	_	108 93
Number of Sa Mean % Recov	ery	: 2 : 100.5		Below acceptance Above acceptance	: (	 0 0		
Standard Dev	iation	: 10.61		Acceptance Crite	ria 3	5-155		1

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8240 - Volatile Organics

Spiked Analyte : Bromomethane

Type of Spike : Laboratory Control

 06/26/93
 LCS931797
 MS4502306260811
 20.00
 15.50
 ug/L
 78

 06/26/93
 LCS931798
 MS4502306260811
 20.00
 13.60
 ug/L
 68

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 73.0 Above acceptance : 0
Standard Deviation : 7.07 Acceptance Criteria D-242

Method: SW8240 - Volatile Organics

Spiked Analyte : Carbon disulfide

Type of Spike : Laboratory Control

06/26/93 LCS931797 MS4502306260811 20.00 20.50 ug/L 103 06/26/93 LCS931798 MS4502306260811 20.00 16.20 ug/L 81

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 92.0 Above acceptance : 0
Standard Deviation : 15.56 Acceptance Criteria NS

Method : SW8240 - Volatile Organics

Spiked Analyte : Carbon tetrachloride

Type of Spike : Laboratory Control

 06/26/93
 LCS931797
 MS4502306260811
 20.00
 21.50
 ug/L
 107

 06/26/93
 LCS931798
 MS4502306260811
 20.00
 19.40
 ug/L
 97

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 102.0 Above acceptance : 0
Standard Deviation : 7.07 Acceptance Criteria 70-140

Method : SW8240 - Volatile Organics

Spiked Analyte : Chlorobenzene

Type of Spike : Laboratory Control

 06/26/93
 LCS931797
 MS4502306260811
 20.00
 24.90
 ug/L
 125

 06/26/93
 LCS931798
 MS4502306260811
 20.00
 23.60
 ug/L
 118

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 121.5 Above acceptance : 0
Standard Deviation : 4.95 Acceptance Criteria 37-160

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8240 Spiked Analyte : Chloro	- Volatile Orga ethane	nics						
Type of Spike : Labora	tory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		20.00	27.60 14.50	ug/L ug/L	138 72
Number of S		: 2		Below acceptar	nce :	0		**
Mean % Reco Standard De	-	: 105.0 : 46.6	7	Above acceptar Acceptance Cri		O NS		
piked Analyte : Chloro		nics						
Type of Spike : Laborat								
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		20.00	19.90 18.90	ug/L ug/L	100 95
Number of Sa		: 2		Below acceptan	<del></del>	 0		
Mean % Recov Standard Dev		: 97.5 : 3.54		Above acceptan Acceptance Cri		0 1-138		
Method : SW8240 piked Analyte : Chlorom Type of Spike : Laborat 06/26/93 06/26/93	cory Control  LCS931797  LCS931798	ics	MS4502306260811 MS4502306260811		20.00 20.00	14.00 15.10	-	70 76
Number of Sa Mean % Recov Standard Dev	ery	: 2 : 73.0 : 4.24		Below acceptance Above acceptance Acceptance Crit	ce: 0			
Method : SW8240 piked Analyte : Dibromo		ics						
ype of Spike : Laborat	ory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		20.00 20.00	20.80 19.40	•	104 97
Number of Sar Mean % Recove Standard Dev	ery	: 2 : 100.5 : 4.95		Below acceptance Above acceptance Acceptance Crit	e: 0			

ND = Not Detected

TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT DATE AMOUNT AMOUNT RESULT ORIG. ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY ----------Method: SW8240 - Volatile Organics Spiked Analyte : Ethylbenzene Type of Spike : Laboratory Control 06/26/93 LCS931797 MS4502306260811 20.00 18.90 ug/L 95 06/26/93 LCS931798 MS4502306260811 20.00 20.10 ug/L 100 Number of Samples . : 2 Below acceptance : : 97.5 Mean % Recovery Above acceptance : 0 Standard Deviation Acceptance Criteria 37-162 : 3.54 Method : SW8240 - Volatile Organics Spiked Analyte : Styrene Type of Spike : Laboratory Control

 06/26/93
 LCS931797
 MS4502306260811
 20.00
 22.60
 ug/L
 113

 06/26/93
 LCS931798
 MS4502306260811
 20.00
 21.00
 ug/L
 105

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 109.0 Above acceptance : 0
Standard Deviation : 5.66 Acceptance Criteria NS

Method: SW8240 - Volatile Organics

Spiked Analyte : Tetrachloroethene

Type of Spike : Laboratory Control

 06/26/93
 LCS931797
 MS4502306260811
 20.00
 18.90
 ug/L
 94

 06/26/93
 LCS931798
 MS4502306260811
 20.00
 17.70
 ug/L
 89

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 91.5 Above acceptance : 0
Standard Deviation : 3.54 Acceptance Criteria 64-148

Method: SW8240 - Volatile Organics

Spiked Analyte : Toluene

Type of Spike : Laboratory Control

 06/26/93
 LCS931797
 MS4502306260811
 20.00
 20.50
 ug/L
 102

 06/26/93
 LCS931798
 MS4502306260811
 20.00
 19.80
 ug/L
 99

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 100.5 Above acceptance : 0
Standard Deviation : 2.12 Acceptance Criteria 47-150

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID		BATCH ID		MOUNT PIKED	AMOUNT RECOVERED	RESUL UNIT	T % RECOVE
Method : SW8240 Spiked Analyte : Tribro	- Volatile Organ momethane(Bromofo							
Type of Spike : Labora	tory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		.00	19.60 18.20	ug/L ug/L	98 91
Number of S		: 2		Below acceptance		0		
· Mean % Reco Standard De		: 94.5 : 4.95		Above acceptance Acceptance Criter		0 15-169		
Method : SW8240 Spiked Analyte : Trichlo	- Volatile Orgar oroethene	nics						
Type of Spike : Laborat	tory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		.00	20.00 18.60	ug/L ug/L	100 93
Number of Sa		: 2		Below acceptance :		0		
Mean % Recov Standard Dev		: 96.5 : 4.95		Above acceptance : Acceptance Criteri		0 1-157		
Method : SW8240 piked Analyte : Trichlo Type of Spike : Laborat		ics						
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811	20. 20.		26.00 10.90	ug/L ug/L	130 55
Number of Sa		: 2		Below acceptance :		 0		
Mean % Recov Standard Dev	-	: 92.5 : 53.03		Above acceptance : Acceptance Criteri		D NS		
Method : SW8240 piked Analyte : Vinyl a Type of Spike : Laborat	•	ics				•		
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811	20. 20.		127.00 119.00	ug/L ug/L	633 597
Number of Sa	•	: 2		Below acceptance :		 )		
Mean % Recov Standard Dev	-	: 615.0 : 25.46		Above acceptance : Acceptance Criteria		? )-251		

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8240 Spiked Analyte : Xylene		nics						
Type of Spike : Laborat	ory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		60.00 60.00	60.60 61.00	ug/L ug/L	101 102
Number of Sa Mean % Recov Standard Dev	ery	: 2 : 101.5 : .71		Below acceptance Above acceptance Acceptance Crit	ce :	O O NS		
Method : SW8240 Spiked Analyte : cis-1,3	_							
Type of Spike : Laborat	ory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		19.00 19.00	20.80 18.80	ug/L ug/L	109 99
Number of Sa Mean % Recov Standard Dev	ery	: 2 : 104.0 : 7.07		Below acceptance Above acceptance Acceptance Crit	e: ,	0 0 D-227		
Method : SW8240 Spiked Analyte : trans-1								
Type of Spike : Laborat	ory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		20.00	21.40 17.60	ug/L ug/L	107 88
Number of Sa Mean % Recov Standard Dev		: 2 : 97.5 : 13.44		Below acceptance Above acceptance Acceptance Crit	e:	0 0 4-156		
Method : SW8240 Spiked Analyte : trans-1	<del>-</del>							
Type of Spike : Laborat	ory Control							
06/26/93 06/26/93	LCS931797 LCS931798		MS4502306260811 MS4502306260811		21.00	21.00 19.40	ug/L ug/L	100 92
	-	: 2		Below acceptanc Above acceptanc Acceptance Crit	e :	 0 0 7-183		

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	T AMOUNT D RECOVERED	RESULT UNIT	% RECOVE
Method : SW8240 piked Analyte : 1,2-Di	- Volatile Orga chloroethane-d4	nics	<b>.</b>						
Type of Spike : Surrog	ate - Field Dupl	icat	e						
06/27/93	02-GW-03-DS	-03		MS4502306260811		50.00	50.60	ug/L	101
Number of S	amples	:	1 .		Below acceptanc	 e :	0		
Mean % Reco	very	:	101.0		Above acceptanc	e :	0		
Standard De	viation	:	NC		Acceptance Crit	eria .	76-114		
Type of Spike : Surrog	ate - Laboratory	Con	trol						
06/26/93	LCS931797			MS4502306260811		50.00	55.00	ug/L	110
06/26/93	LCS931798			MS4502306260811	·	50.00	54.30	ug/L	109
Number of Sa			2		Below acceptance				
Mean % Reco	•		109.5		Above acceptance		0		
	viation				Acceptance Crit		76-114		
Standard Dev Type of Spike : Surroga 06/26/93			~~~~	MS4502306260811	· .	50.00	54.70	ug/L	109
Type of Spike : Surroga 06/26/93 Number of Sa Mean % Recov	ate - Normal Sam 02-GW-03-03 amples very	 : :	109.0		Below acceptance Above acceptance	 e :	54.70 0 0	ug/L 	109
Type of Spike : Surroga 06/26/93 Number of Sa	ate - Normal Sam 02-GW-03-03 amples very	 : :			Below acceptance	 e : e :	0	ug/L 	109
Type of Spike : Surroga 06/26/93 Number of Sa Mean % Recov	ate - Normal Sam  02-GW-03-03  amples very viation  - Volatile Organ	: : :	109.0 NC		Below acceptance	 e : e :	0	ug/L 	109
O6/26/93  Number of Sa Mean % Record Standard Device Method : SW8240 wiked Analyte : 1,4-Brows 1	ate - Normal Sam  02-GW-03-03  amples  very  viation  - Volatile Organ  pmofluorobenzene  ate - Field Dupl	: : : : : inics	109.0 NC	MS4502306260811	Below acceptance Above acceptance Acceptance Crite	e : e : eria	0 0 76-114 48.90	ug/L	
O6/26/93  Number of Same Mean % Reconstandard Device Method: SW8240 Miked Analyte: 1,4-Brown Spike: Surrogation of Spike: Spike: Surrogation of Spike: Surrogation of Spike: Spi	ate - Normal Sam  02-GW-03-03  amples very viation  - Volatile Organ omofluorobenzene ate - Field Dupl  02-GW-03-DS-	: : : : : : : : : : : :	109.0 NC	MS4502306260811	Below acceptance Above acceptance Acceptance Crite	e : e : eria	0 0 76-114 48.90	ug/L	
ype of Spike : Surroga 06/26/93 Number of Sa Mean % Recov Standard Dev Method : SW8240 wiked Analyte : 1,4-Brown ype of Spike : Surroga 06/27/93 Number of Sa Mean % Recov	ate - Normal Sam  02-GW-03-03  amples  very  viation  - Volatile Organ  amofluorobenzene  ate - Field Dupl  02-GW-03-DS-	: : : : : : : : :	109.0 NC	MS4502306260811	Below acceptance Above acceptance Acceptance Crite	e : e : eria	0 0 76-114 48.90	ug/L	
ype of Spike : Surroga 06/26/93 Number of Sa Mean % Recov Standard Dev Method : SW8240 wiked Analyte : 1,4-Brown ype of Spike : Surroga 06/27/93 Number of Sa Mean % Recov	ate - Normal Sam  02-GW-03-03  amples very viation  - Volatile Organ omofluorobenzene ate - Field Dupl  02-GW-03-DS-	: : : : : : : : :	109.0 NC	MS4502306260811	Below acceptance Above acceptance Acceptance Crite  Below acceptance Above acceptance Acceptance Crite	e : e : eria  50.00	0 0 76-114 48.90	ug/L	
Number of Sandard Dev  Method: SW8240 Diked Analyte: 1,4-Brown  Method: Surroga  06/27/93  Number of Sandard Recov	ate - Normal Sam  02-GW-03-03  amples very viation  - Volatile Organ pmofluorobenzene ate - Field Dupl  02-GW-03-DS- amples very viation	: : : : : : : : : :	109.0 NC	MS4502306260811	Below acceptance Above acceptance Acceptance Crite  !  Below acceptance Above acceptance	e : e : eria  50.00	0 0 76-114 48.90	ug/L	
Number of Same and Mean % Reconstandard Device Method: SW8240 wiked Analyte: 1,4-Brown Standard Device Mean % Reconstandard Device Mean % Reconstandard Device Standard Device Mean % Reconstandard Pean % Reconstan	ate - Normal Sam  02-GW-03-03  amples very viation  - Volatile Organ omofluorobenzene ate - Field Dupl  02-GW-03-DS-  amples very viation  te - Laboratory  LCS931797	: : : : : : : : : :	109.0 NC	MS4502306260811	Below acceptance Above acceptance Acceptance Crite  Below acceptance Above acceptance Acceptance Crite	e : e : eria  50.00	48.90 	ug/L	
Number of Same and Sa	ate - Normal Sam  02-GW-03-03  amples very viation  - Volatile Organ comofluorobenzene ate - Field Dupl  02-GW-03-DS-  amples very viation  ate - Laboratory  LCS931797  LCS931798	: : : : : : : : : :	109.0 NC	MS4502306260811	Below acceptance Above acceptance Acceptance Crite  Below acceptance Above acceptance Acceptance Crite .	e: e: eria	48.90 	ug/L ug/L	98
O6/26/93  Number of Sa Mean % Record Standard Dev  Method : SW8240 Wiked Analyte : 1,4-Brown  Sype of Spike : Surroga  O6/27/93  Number of Sa Mean % Record Standard Dev  ype of Spike : Surroga  O6/26/93  O6/26/93  Number of Sa	o2-GW-03-03 camples very viation  - Volatile Organ comofluorobenzene ate - Field Dupl  02-GW-03-DS- camples very viation  te - Laboratory  LCS931797  LCS931798 camples	: : : : : : : : Cont	109.0 NC e 1 98.0 NC	MS4502306260811 MS4502306260811 MS4502306260811	Below acceptance Above acceptance Acceptance Crite  Below acceptance Above acceptance Acceptance Crite .	e: e: eria	48.90 	ug/L	98
O6/26/93  Number of Sa Mean % Recover Standard Development of Sa Mean to Sweet Surroga  O6/27/93  Number of Sa Mean % Recover Standard Development Sa Mean % Recover Standard Development Sa Mean % Recover Standard Sa Mean % Recover Sa  O6/26/93  O6/26/93  Number of Sa Mean % Recover Sa Mean % Recover Sa Mean % Recover Sa Mean % Recover Sa	ate - Normal Sam  02-GW-03-03  amples very viation  - Volatile Organ comofluorobenzene ate - Field Dupl  02-GW-03-DS-  amples very viation  te - Laboratory  LCS931797  LCS931798	: : : : : : : Cont	109.0 NC e e 1 98.0 NC	MS4502306260811 MS4502306260811 MS4502306260811	Below acceptance Above acceptance Acceptance Crite  Below acceptance Above acceptance Acceptance Crite .	e: e: eria	0 0 76-114 48.90 0 0 86-115	ug/L	98

ND = Not Detected

NC = Not Calculable

AMOUNT AMOUNT RESULT DATE ORIG. SPIKED RECOVERED UNIT RECOVERY RESULT ANALYZED SAMPLE ID BATCH ID

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene continued

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

50.00 47.10 ug/L 94 06/26/93 02-GW-03-03 MS4502306260811

Number of Samples : 1 Below acceptance : 0 : 94.0 Mean % Recovery Above acceptance : 0 Acceptance Criteria 86-115 Standard Deviation : NC

Method : SW8240 - Volatile Organics

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Field Duplicate

06/27/93 02-GW-03-DS-03 MS4502306260811 50.00 49.50 ug/L 99

: 1 : 99.0 : NC Below acceptance : 0 Number of Samples Mean % Recovery Above acceptance : 0 Acceptance Criteria 88-110 Standard Deviation

Type of Spike : Surrogate - Laboratory Control

06/26/93 LCS931797 MS4502306260811 50.00 53.30 ug/L 107 50.00 49.10 ug/L 98 LCS931798 MS4502306260811 06/26/93

: 2 Number of Samples Below acceptance : Above acceptance : Mean % Recovery Mean % Recovery : 102.5 Standard Deviation : 6.36 0 Acceptance Criteria 88-110

Type of Spike : Surrogate - Normal Sample

02-GW-03-03 MS4502306260811 50.00 49.20 ug/L 98 06/26/93

: 1 : 98.0 Below acceptance : 0 Number of Samples Above acceptance : Mean % Recovery 0 Standard Deviation : NC Acceptance Criteria 88-110

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNI SPIKE		RESULT UNIT	% RECOV
			<del></del>			****		
Method : SW8270 iked Analyte : 1,2,4-	) - Semivolatile -Trichlorobenzen							
/pe of Spike : Labora	atory Control							
06/23/93	LCS		MSMSD1306231041		100.00	88.00	ug/L	88
06/23/93	LCSD		MSMSD1306231041		100.00	88.80	ug/L	89
08/17/93	LCS		MSMSD1308171507		100.00	94.30	ug/L	94
08/17/93	LCSD		MSMSD1308171507	•	100.00	102.00	ug/L	102
08/25/93	LCS		MSMSD1308251013		100.00	92.40	ug/L	92
08/25/93	LCSD		MSMSD1308251013		100.00	84.80	ug/L	85
09/20/93	LCS		MSMSD1309201450		100.00	103.00	ug/L	103
09/20/93	LCSD		MSMSD1309201450		100.00	105.00	ug/L	105
09/23/93	LCS		MSMSD1309230953		100.00	94.40 *	ug/L	94
09/23/93	LCSD		MSMSD1309230953		100.00	94.30 *	ug/L	94
06/14/93	LCS		MSMSD2306140820	•	100.00	96.10	ug/L	96
06/14/93	LCS		MSMSD2306140820		100.00	98.80	ug/L	99
06/14/93	LCSD		MSMSD2306140820		100.00	95.60	ug/L	96
06/14/93	LCSD		MSMSD2306140820		100.00	92.00	ug/L	92
06/15/93	LCS		MSMSD2306150816		100.00	90.00	ug/L	90
06/15/93	LCS		MSMSD2306150816		100.00	90.00	ug/L	90
06/15/93	LCSD		MSMSD2306150816		100.00	96.30	ug/L	96
06/15/93	LCSD		MSMSD2306150816		100.00	96.30	ug/L	96
06/16/93	LCS		MSMSD2306160814		100.00	91.50	ug/L	92
06/16/93	LCSD		MSMSD2306160814		100.00	98.70	ug/L	99
06/22/93	LCS		MSMSD2306220822		100.00	100.00	ug/L	100
06/22/93	LCSD		MSMSD2306220822		100.00	103.00	ug/L	103
06/23/93	LCS		MSMSD2306230826		100.00	91.50	ug/L	91
06/23/93	LCSD		MSMSD2306230826		100.00	97.00	ug/L	97
06/24/93	LCS		MSMSD2306240908		100.00	99.00	ug/L	99
06/24/93	LCS		MSMSD2306240908		100.00	89.60	ug/L	90
06/24/93	LCSD		MSMSD2306240908		100.00	95.40	ug/L	95
06/24/93	LCSD		MSMSD2306240908		100.00	95.20	_	95
08/07/93	LCS	•	MSMSD2308070819		100.00	84.20		84
08/07/93	LCSD		MSMSD2308070819		100.00	85.20		85
09/24/93	LCS		MSMSD2309240819		100.00	94.70		95
09/24/93	LCSD		MSMSD2309240819		100.00	94.90	-	95
10/08/93	LCS		MSMSD2310080817		100.00	95.80		96
10/08/93	LCSD		MSMSD2310080817		100.00	93.10		93
10/11/93	LCS		MSMSD2310110812		100.00	101.00		101
10/11/93	LCSD		MSMSD2310110812		100.00	94.70	_	95
Number of Sa	amples	: 36		Below acceptar	 nce :	0		<del>`</del>
Mean % Recov	rery	: 94.6		Above acceptar		0		
Standard Dev	riation	: 5.13		Acceptance Cr		4-142		
e of Spike : Matrix	Spike							
09/20/93	06-MW-07-01							
		140	MSMSD1309201450	ND	107.00	97.20	ug/L	

09/20/93

ND = Not Detected

NC = Not Calculable

ND

MSMSD1309201450

NS = Not Specified

88.30

ug/L

98.00

06-MW-07-01 MSD

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY	
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%	

Method : SW8270 - Semivolatile Organics Spiked Analyte: 1,2,4-Trichlorobenzene continued

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	84.40	ug/L	84
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	84.20	ug/L	84
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	84.70	ug/L	84
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	84.80	ug/L	84
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	86.60	ug/L	87
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	86.20	ug/L	86

Number of Samples : 8 Mean % Recovery : 86.3 Standard Deviation : 2.87 Below acceptance : 0 Above acceptance : Acceptance Criteria 44-142

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 1,2-Dichlorobenzene

06/23/93	LCS	MSMSD1306231041	100.00	81.80	ug/L	82
06/23/93	LCSD	MSMSD1306231041	100.00	90.50	ug/L	91
08/17/93	LCS	MSMSD1308171507	100.00	85.30	ug/L	85
08/17/93	LCSD	MSMSD1308171507	100.00	89.40	ug/L	89
08/25/93	LCS	MSMSD1308251013	100.00	93.30	ug/L	93
08/25/93	LCSD	MSMSD1308251013	100.00	86.10	ug/L	86
09/20/93	LCS	MSMSD1309201450	100.00	93.00	ug/L	93
09/20/93	LCSD	MSMSD1309201450	100.00	101.00	ug/L	101
09/23/93	LCS	MSMSD1309230953	100.00	89.60 *	ug/L	90
09/23/93	LCSD	MSMSD1309230953	100.00	86.70 *	ug/L	87
06/14/93	LCS	MSMSD2306140820	100.00	95.70	ug/L	96
06/14/93	LCS	MSMSD2306140820	100.00	98.70	ug/L	99
06/14/93	LCSD	MSMSD2306140820	100.00	93.60	ug/L	94
06/14/93	LCSD	MSMSD2306140820	100.00	99.20	ug/L	99
06/15/93	LCS	MSMSD2306150816	100.00	91.00	ug/L	91
06/15/93	LCS	MSMSD2306150816	100.00	91.00	ug/L	91
06/15/93	LCSD	MSMSD2306150816	100.00	96.50	ug/L	96
06/15/93	LCSD	MSMSD2306150816	100.00	96.50	ug/L	96
06/16/93	LCS	MSMSD2306160814	100.00	91.30	ug/L	91
06/16/93	LCSD	MSMSD2306160814	100.00	96.50	ug/L	97
06/22/93	LCS	MSMSD2306220822	100.00	103.00	ug/L	103
06/22/93	LCSD	MSMSD2306220822	100.00	108.00	ug/L	108
06/23/93	LCS	MSMSD2306230826	100.00	91.60	ug/L	92
06/23/93	LCSD	MSMSD2306230826	100.00	98.60	ug/L	99
06/24/93	LCS	MSMSD2306240908	100.00	92.60	ug/L	93
06/24/93	LCS	MSMSD2306240908	100.00	99.60	ug/L	100
06/24/93	LCSD	MSMSD2306240908	100.00	94.80	ug/L	95
06/24/93	LCSD	MSMSD2306240908	100.00	97.00	ug/L	97
08/07/93	LCS	MSMSD2308070819	100.00	89.30	ug/L	89

		nat					
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVED
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics Spiked Analyte : 1,2-Dichlorobenzene continued

Type of Spike : Laboratory Control

08/07/93	LCSD	MSMSD2308070819	100.00	87.10	ug/L	87
09/24/93	LCS	MSMSD2309240819	100.00	102.00	ug/L	102
09/24/93	LCSD	MSMSD2309240819	100.00	103.00	ug/L	103
10/08/93	LCS	MSMSD2310080817	100.00	100.00	ug/L	100
10/08/93	LCSD	MSMSD2310080817	100.00	97.90	ug/L	98
10/11/93	LCS	MSMSD2310110812	100.00	105.00	ug/L	105
10/11/93	LCSD	MSMSD2310110812	100.00	99.00	ug/L	99

Number of Samples : 36 : 94.9 Mean % Recovery Standard Deviation : 6.04 Above acceptance : Below acceptance : 0 0 Acceptance Criteria 32-129

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 1,3-Dichlorobenzene

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	78.40	ug/L	78
06/23/93	LCSD	MSMSD1306231041	100.00	85.90	ug/L	86
08/17/93	LCS	MSMSD1308171507	100.00	90.30	ug/L	90
08/17/93	LCSD	MSMSD1308171507	100.00	93.50	ug/L	94
08/25/93	LCS	MSMSD1308251013	100.00	87.00	ug/L	87
08/25/93	LCSD	MSMSD1308251013	100.00	81.50	ug/L	81
09/20/93	LCS	MSMSD1309201450	100.00	91.60	ug/L	92
09/20/93	LCSD	MSMSD1309201450	100.00	97.90	ug/L	98
09/23/93	LCS	MSMSD1309230953	100.00	88.90 *	ug/L	89
09/23/93	LCSD	MSMSD1309230953	100.00	83.30 *	ug/L	83
06/14/93	LCS	MSMSD2306140820	100.00	90.60	ug/L	91
06/14/93	LCS	MSMSD2306140820	100.00	91.70	ug/L	92
06/14/93	LCSD	MSMSD2306140820	100.00	90.10	ug/L	90
06/14/93	LCSD	MSMSD2306140820	100.00	94.20	ug/L	94
06/15/93	LCS	MSMSD2306150816	100.00	84.90	ug/L	85
06/15/93	LCS	MSMSD2306150816	100.00	84.90	ug/L	85
06/15/93	LCSD	MSMSD2306150816	100.00	91.70	ug/L	92
06/15/93	LCSD .	MSMSD2306150816	100.00	91.70	ug/L	92
06/16/93	LCS	MSMSD2306160814	100.00	86.90	ug/L	87
06/16/93	LCSD	MSMSD2306160814	100.00	91.00	ug/L	91
06/22/93	LCS	MSMSD2306220822	100.00	99.60	ug/L	100
06/22/93	LCSD	MSMSD2306220822	100.00	103.00	ug/L	103
06/23/93	LCS	MSMSD2306230826	100.00	86.60	ug/L	87
06/23/93	LCSD	MSMSD2306230826	100.00	93.00	ug/L	93
06/24/93	LCS	MSMSD2306240908	100.00	94.20	ug/L	94
06/24/93	LCS	MSMSD2306240908	100.00	88.30	ug/L	88
06/24/93	LCSD	MSMSD2306240908	100.00 -	92.90	ug/L	93
06/24/93	LCSD	MSMSD2306240908	100.00	90.50	ug/L	91

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method: SW8270 - Semivolatile Organics Spiked Analyte: 1,3-Dichlorobenzene continued

Type of Spike : Laboratory Control

08/07/93	LCS	MSMSD2308070819	100.00	84.30	ug/L	84
08/07/93	LCSD	MSMSD2308070819	100.00	82.30	ug/L	82
09/24/93	LCS	MSMSD2309240819	100.00	96.10	ug/L	96
09/24/93	LCSD	MSMSD2309240819	100.00	98.60	ug/L	99
10/08/93	LCS	MSMSD2310080817	100.00	96.00	ug/L	96
10/08/93	LCSD	MSMSD2310080817	100.00	91.10	ug/L	91
10/11/93	LCS	MSMSD2310110812	100.00	100.00	ug/L	100
10/11/93	LCSD	MSMSD2310110812	100.00	94.30	ug/L	94

Number of Samples : 36 : 90.8 Mean % Recovery Standard Deviation : 5.70

Below acceptance : Above acceptance : Acceptance Criteria

0 D-172

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 1,4-Dichlorobenzene

06/23/93	LCS	MSMSD1306231041	100.00	76.30	ug/L	76	
06/23/93	LCSD	MSMSD1306231041	100.00	82.70	ug/L	83	
08/17/93	LCS	MSMSD1308171507	100.00	85.80	ug/L	86	
08/17/93	LCSD	MSMSD1308171507	100.00	91.20	ug/L	91	
08/25/93	LCS	MSMSD1308251013	100.00	85.80	ug/L	86	
08/25/93	LCSD	MSMSD1308251013	100.00	77.40	ug/L	77	
09/20/93	LCS	MSMSD1309201450	100.00	85.50	ug/L	86	
09/20/93	LCSD	MSMSD1309201450	100.00	97.20	ug/L	97	
09/23/93	LCS	MSMSD1309230953	100.00	83.70 *	ug/L	84	
09/23/93	LCSD	MSMSD1309230953	100.00	81.40 *	ug/L	81	
06/14/93	LCS	MSMSD2306140820	100.00	84.50	ug/L	85	
06/14/93	LCS	MSMSD2306140820	100.00	86.40	ug/L	86	
06/14/93	LCSD	MSMSD2306140820	100.00	83.00	ug/L	83	
06/14/93	LCSD	MSMSD2306140820	100.00	89.50	ug/L	90	
06/15/93	LCS	MSMSD2306150816	100.00	79.60	ug/L	80	
06/15/93	LCS	MSMSD2306150816	100.00	79.60	ug/L	80	
06/15/93	LCSD	MSMSD2306150816	100.00	84.10	ug/L	84	
06/15/93	LCSD	MSMSD2306150816	100.00	84.10	ug/L	84	
06/16/93	LCS	MSMSD2306160814	100.00	80.80	ug/L	81	
06/16/93	LCSD	MSMSD2306160814	100.00	84.20	ug/L	84	
06/22/93	LCS	MSMSD2306220822	100.00	92.70	ug/L	93	
06/22/93	LCSD	MSMSD2306220822	100.00	95.60	ug/L	96	
06/23/93	LCS	MSMSD2306230826	100.00	81.20	ug/L	81	
06/23/93	LCSD	MSMSD2306230826	100.00	86.80	ug/L	87	
06/24/93	LCS	MSMSD2306240908	100.00	88.10	ug/L	88	
06/24/93	LCS	MSMSD2306240908	100.00	82.60	ug/L	83	
06/24/93	LCSD	MSMSD2306240908	100.00	85.90	ug/L	86	

DATE ANALYZED	SAMPLE I	N	BATCH ID	ORIG. RESULT	AMOUNT	AMOUNT RECOVERED	RESULT UNIT	% RECOVI
		-						
Method : SW8270	) - Comiveleti	]_ Ommanica						
iked Analyte : 1,4-Di		-						
pe of Spike : Laborat	cory Control			1.				
06/24/93	LCSD		MSMSD2306240908		100.00	84.10	ug/L	84
08/07/93	LCS		MSMSD2308070819		100.00	80.00	ug/L	80
08/07/93	LCSD		MSMSD2308070819		100.00	78.10	ug/L	78
09/24/93	LCS		MSMSD2309240819		100.00	90.10	ug/L	90
09/24/93	LCSD		MSMSD2309240819		100.00	92.30	ug/L	92
10/08/93	LCS		MSMSD2310080817		100.00	89.30		89
10/08/93	LCSD		MSMSD2310080817		100.00	86.60		87
10/11/93	LCS		MSMSD2310110812		100.00	93.60	-	94
10/11/93	LCSD	,	MSMSD2310110812		100.00	88.80	ug/L	89
Number of S	amples	: 36		Below accept	tance :	0		
Mean % Reco	very	: 85.	6	Above accept		0 .		
Standard De	viation	: 5.	13	Acceptance (		20-124		
09/20/93	06-MW-07-	-01 MS	MSMSD1309201450	ND	107.00	87.60	ug/L	82
09/20/93	06-MW-07-		MSMSD1309201450	ND	98.00	78.30		80
06/14/93	12-MW-02-	-DS-03 M	MSMSD2306140820	ND	100.00	74.80		75
06/14/93	12-MW-02-	-DS-03 M	MSMSD2306140820	ND	100.00	74.00	-	74
06/15/93	07-MW-02-	-DS-03 M	MSMSD2306150816	ND	101.00	73.30		73
06/15/93	07-MW-02-	-DS-03 M	MSMSD2306150816	ND	101.00	75.10		74
10/08/93	08-SW-01-	-DS-01	MSMSD2310080817	ND	100.00	82.30		82
10/08/93	08-SW-01-	-DS-01	MSMSD2310080817	ND	100.00	80.10		80
Number of S	amples	: 8		Below accept	ance :	0		
Mean % Reco	-	: 77.	5	Above accept	ance :	0		
Standard De	viation	: 3.8	35	Acceptance (	riteria 2	20-124		
Method : SW8270	- Semivolatil	e Organics						
ked Analyte : 2,4,5-		•						
oe of Spike : Labora	tory Control							
06/23/93	LCS		MSMSD1306231041		100.00	89.30	ug/L	89
06/23/93	LCSD		MSMSD1306231041		100.00	90.20	- ·	90
08/17/93	LCS		MSMSD1308171507		100.00	93.70		94
08/17/93	LCSD		MSMSD1308171507		100.00	98.40		98
08/25/93	LCS		MSMSD1308251013		100.00	89.00		89
08/25/93	LCSD		MSMSD1308251013		100.00	79.70	-	80
09/20/93	LCS		MSMSD1309201450		100.00	98.00		98
09/20/93	LCCD		MCMCD12002014E0					

09/20/93

09/23/93

09/23/93

ND = Not Detected

NC = Not Calculable

MSMSD1309201450

MSMSD1309230953

MSMSD1309230953

NS = Not Specified

97.60

88.70 *

95.80 *

ug/L

ug/L

ug/L

100.00

100.00

100.00

LCSD

LCS

LCSD

98

89

96

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. AMOUNT RESULT SPIKED		RESULT UNIT	% RECOVER
Method : SW8270 Spiked Analyte : 2,4,5-	- Semivolatile ( Trichlorophenol (					
Гуре of Spike : Laborat	ory Control					
06/14/93	LCS	MSMSD2306140820	100.00	106.00	ug/L	106
06/14/93	LCS	MSMSD2306140820	100.00	108.00	ug/L	108
06/14/93	LCSD	MSMSD2306140820	100.00	104.00	ug/L	104
06/14/93	LCSD	MSMSD2306140820	100.00	100.00	ug/L	100
06/15/93	LCS	MSMSD2306150816	100.00	98.20	ug/L	98
06/15/93	LCS	MSMSD2306150816	100.00 .	98.20	ug/L	98
06/15/93	LCSD	MSMSD2306150816	100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306150816	100.00	108.00	ug/L	108
06/16/93	LCS	MSMSD2306160814	100.00	99.00	ug/L	99
06/16/93	LCSD	MSMSD2306160814	100.00	108.00	ug/L	108
06/22/93	LCS	MSMSD2306220822	100.00	100.00	ug/L	100
06/22/93	LCSD	MSMSD2306220822	100.00	107.00	ug/L	107
06/23/93	LCS	MSMSD2306230826	100.00	96.00	ug/L	96
06/23/93	LCSD	MSMSD2306230826	100.00	99.80	ug/L	100
06/24/93	LCS	MSMSD2306240908	100.00	95.50	ug/L	95
06/24/93	LCS	MSMSD2306240908	100.00	99.00	ug/L	99
06/24/93	LCSD	MSMSD2306240908	100.00	99.80	ug/L	100
06/24/93	LCSD	MSMSD2306240908	100.00	103.00	ug/L	103
08/07/93	LCS	MSMSD2308070819	100.00	85.60	ug/L	86
08/07/93	LCSD	MSMSD2308070819	100.00	84.40	ug/L	84
09/24/93	LCS	MSMSD2309240819	100.00	92.30	ug/L	92
09/24/93	LCSD	MSMSD2309240819	100.00	93.60	ug/L	94
10/08/93	LCS	MSMSD2310080817	100.00	94.20	ug/L	94
10/08/93	LCSD	MSMSD2310080817	100.00	95.80	ug/L	96
10/11/93	LCS	MSMSD2310110812	100.00	99.90	ug/L	100
10/11/93	LCSD	MSMSD2310110812	100.00	94.30	ug/L	94
Number of S	amples	: 36	Below acceptance :	0		
Mean % Reco	very	: 97.2	Above acceptance :	0		
Standard De	viation	: 6.96	Acceptance Criteria	NS		
	- Semivolatile (	)rganics				
piked Analyte : 2,4,6-	Trichlorophenol					
Type of Spike : Labora	tory Control					
06/23/93	LCS	MSMSD1306231041	100.00	74.20	ug/L	74
06/23/93	LCSD	MSMSD1306231041	100.00	69.70	ug/L	70
08/17/93	LCS	MSMSD1308171507	100.00	77.10	ug/L	77
08/17/93	LCSD	MSMSD1308171507	100.00	80.30	ug/L	80
08/25/93	LCS	MSMSD1308251013	100.00	72.20	ug/L	72
08/25/93	LCSD	MSMSD1308251013	100.00	66.50	ug/L	67
	LCS	MSMSD1309201450	100.00	80.10	ug/L	80
09/20/93						
09/20/93 09/20/93	LCSD	MSMSD1309201450	100.00	77.70	ug/L	78

DATE ANALYZED	SAMPLE ID		BATCH ID		UNT KED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 ed Analyte : 2,4,6-	- Semivolatile Trichlorophenol	-						·
of Spike : Laborat	ory Control							
09/23/93	LCSD		MSMSD1309230953	100.0	0	78.60 *	ug/L	79
06/14/93	LCS		MSMSD2306140820	100.0	0	86.30	ug/L	86
06/14/93	LCS		MSMSD2306140820	100.0	0	85.50	ug/L	86
06/14/93	LCSD		MSMSD2306140820	100.0	0	82.40	ug/L	82
06/14/93	LCSD		MSMSD2306140820	100.0	0	80.20	ug/L	80
06/15/93	LCS		MSMSD2306150816	100.0	0	78.30	ug/L	78
06/15/93	LCS		MSMSD2306150816	100.0	0	78.30	ug/L	78
06/15/93	LCSD		MSMSD2306150816	100.0	0	85.50	ug/L	86
06/15/93	LCSD		MSMSD2306150816	100.0	0	85.50	ug/L	86
06/16/93	LCS		MSMSD2306160814	100.0		78.10	ug/L	78
06/16/93	LCSD		MSMSD2306160814	100.0		86.10	ug/L	86
06/22/93	LCS		MSMSD2306220822	100.0		81.90	ug/L	82
06/22/93	LCSD		MSMSD2306220822	100.0		86.10	ug/L	86
06/23/93	LCS		MSMSD2306230826	100.0		77.40	ug/L	77
06/23/93	LCSD		MSMSD2306230826	100.0		79.60	ug/L	80
06/24/93	LCS		MSMSD2306240908	100.0		79.20	ug/L	79
06/24/93	LCS		MSMSD2306240908	100.0		76.10	ug/L	76
06/24/93	LCSD		MSMSD2306240908	100.0		81.30	ug/L	81
06/24/93	LCSD		MSMSD2306240908	100.0	)	79.10	ug/L	79
08/07/93	LCS		MSMSD2308070819	100.00	)	67.60	ug/L	68
08/07/93	LCSD		MSMSD2308070819	100.00	)	66.10	ug/L	66
09/24/93	LCS		MSMSD2309240819	100.00	)	74.20	ug/L	74
09/24/93	LCSD		MSMSD2309240819	100.00		75.40	ug/L	75
10/08/93	LCS		MSMSD2310080817	100.00	)	75.30	ug/L	75
10/08/93	LCSD		MSMSD2310080817	100.00	)	75.60	ug/L	76
10/11/93	LCS		MSMSD2310110812	100.00	)	78.30	ug/L	78
10/11/93	LCSD		MSMSD2310110812	100.00	)	75.10	ug/L	75
	mples			Below acceptance :	C	) )		
Mean % Recov	ery	: 77:8		Above acceptance :	0			
Standard Dev	=	: 5.3		Acceptance Criteria		'-144		

Spiked Analyte : 2,4-Dichlorophenol

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	87.90	ug/L	88
06/23/93	LCSD	MSMSD1306231041	100.00	87.60	ug/L	88
08/17/93	LCS	MSMSD1308171507	100.00	92.90	ug/L	93
08/17/93	LCSD	MSMSD1308171507	100.00	98.80	ug/L	99
08/25/93	LCS	MSMSD1308251013	100.00	93.10	ug/L	93
08/25/93	LCSD	MSMSD1308251013	100.00	80.20	ug/L	80
09/20/93	LCS	MSMSD1309201450	100.00	95.20	ug/L	95
09/20/93	LCSD	MSMSD1309201450	100.00	97.30	ug/L	97

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method: SW8270 - Semivolatile Organics Spiked Analyte : 2,4-Dichlorophenol continued

Type of Spike : Laboratory Control

09/23/93	LCS	MSMSD1309230953	100.00	93.80 *	ug/L	94
09/23/93	LCSD	MSMSD1309230953	100.00	95.60 *	ug/L	96
06/14/93	LCS	MSMSD2306140820	100.00	106.00	ug/L	106
06/14/93	LCS	MSMSD2306140820	100.00	105.00	ug/L	105
06/14/93	LCSD	MSMSD2306140820	100.00	100.00	ug/L	100
06/14/93	LCSD	MSMSD2306140820	100.00	101.00	ug/L	101
06/15/93	LCS	MSMSD2306150816	100.00	96.30	ug/L	96
06/15/93	LCS	MSMSD2306150816	100.00	96.30	ug/L	96
06/15/93	LCSD	MSMSD2306150816	100.00	107.00	ug/L	107
06/15/93	LCSD	MSMSD2306150816	100.00	107.00	ug/L	107
06/16/93	LCS	MSMSD2306160814	100.00	97.60	ug/L	98
06/16/93	LCSD	MSMSD2306160814	100.00	109.00	ug/L	109
06/22/93	LCS	MSMSD2306220822	100.00	101.00	ug/L	101
06/22/93	LCSD	MSMSD2306220822	100.00	108.00	ug/L	108
06/23/93	LCS	MSMSD2306230826	100.00	96.40	ug/L	96
06/23/93	LCSD	MSMSD2306230826	100.00	100.00	ug/L	100
06/24/93	LCS	MSMSD2306240908	100.00	99.60	ug/L	100
06/24/93	LCS	MSMSD2306240908	100.00	94.20	ug/L	94
06/24/93	LCSD	MSMSD2306240908	100.00	100.00	ug/L	100
06/24/93	LCSD	MSMSD2306240908	100.00	99.10	ug/L	99
08/07/93	LCS	MSMSD2308070819	100.00	84.30	ug/L	84
08/07/93	LCSD	MSMSD2308070819	100.00	83.40	ug/L	83
09/24/93	LCS	MSMSD2309240819	100.00	93.90	ug/L	94
09/24/93	LCSD	MSMSD2309240819	100.00	94.80	ug/L	95
10/08/93	LCS	MSMSD2310080817	100.00	97.50	ug/L	98
10/08/93	LCSD		100.00	96.30	ug/L	96
10/11/93	LCS		100.00 ·	102.00	ug/L	102
10/11/93	LCSD	MSMSD2310110812	100.00	96.50	ug/L	97

Number of Samples : 36 Mean % Recovery : 97.1 Standard Deviation 6.76 Below acceptance : 0 Above acceptance : 0

Acceptance Criteria 39-135

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,4-Dimethylphenol

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	76.20	ug/L	76
06/23/93	LCSD	MSMSD1306231041	100.00	78.60	ug/L	79
08/17/93	LCS	MSMSD1308171507	100.00	90.40	ug/L	90
08/17/93	LCSD	MSMSD1308171507	100.00	96.20	ug/L	96
08/25/93	LCS .	MSMSD1308251013	100.00	92.10	ug/L	92
08/25/93	LCSD	MSMSD1308251013	100.00	81.00	ug/L	81
09/20/93	LCS	MSMSD1309201450	100.00	86.20	ug/L	86

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	DATCH IN	ORIG. AMOU	•	RESULT	
		BATCH ID	RESULT SPIK	ED RECOVERED	UNIT	RECO\ 
Method : SW8270 piked Analyte : 2,4-Di	- Semivolatile					
ype of Spike : Laborat	ory Control					
09/20/93	LCSD	MSMSD1309201450	100.00	97.00	ug/L	97
09/23/93	LCS	MSMSD1309230953	100.00	92.70 *	ug/L	93
09/23/93	LCSD	MSMSD1309230953	100.00	91.20 *	ug/L	91
06/14/93	LCS	MSMSD2306140820	100.00	99.40	ug/L	99
06/14/93	LCS	MSMSD2306140820	100.00	97.50	ug/L	98
06/14/93	LCSD	MSMSD2306140820	100.00	94.20	ug/L	94
06/14/93	LCSD	MSMSD2306140820	100.00		ug/L	96
06/15/93	LCS	MSMSD2306150816	100.00		ug/L	87
06/15/93	LCS	MSMSD2306150816	100.00		ug/L	87
06/15/93	LCSD	MSMSD2306150816	100.00		ug/L	97
06/15/93	LCSD	MSMSD2306150816	100.00		ug/L	97
06/16/93	LCS	MSMSD2306160814	100.00		ug/L	85
06/16/93	LCSD	MSMSD2306160814	100.00		ug/L	97
06/22/93	LCS	MSMSD2306220822	100.00		ug/L	91
06/22/93	LCSD	MSMSD2306220822	100.00		ug/L	97
06/23/93	LCS	MSMSD2306230826	100.00	85.30	ug/L	85
06/23/93	LCSD	MSMSD2306230826	100.00	89.70	ug/L ug/L	90
06/24/93	LCS	MSMSD2306240908	100.00	89.40	ug/L ug/L	89
06/24/93	LCS	MSMSD2306240908	100.00	83.50	ug/L	84
06/24/93	LCSD	MSMSD2306240908	100.00	89.00	ug/L	89
06/24/93	LCSD	MSMSD2306240908	100.00	81.00		81
08/07/93	LCS	MSMSD2308070819	100.00	80.60		81
08/07/93	LCSD	MSMSD2308070819	100.00	80.50		
09/24/93	LCS	MSMSD2309240819	100.00			80
09/24/93	LCSD	MSMSD2309240819	100.00	94.30		94
10/08/93	LCS	MSMSD2303240013		88.60		89 05
10/08/93	LCSD	MSMSD2310080817	100.00	94.80		95
10/11/93	LCS	MSMSD2310080817	100.00	93.80	_	94
10/11/93	LCSD	MSMSD2310110812	100.00 100.00	95.70 89.50	ug/L ug/L	96 90
Number of Sa	amples	· 36	Relow accentance .			
			•			
			·			
Number of Sa Mean % Recov Standard Dev Method : SW8270	amples very viation	: 36 : 90.1 : 6.25		0 0 0 32-119	ug/L	91
method : Sw82/0 piked Analyte : 2,4-Dir Type of Spike : Laborat	nitrophenol	Irganics				
06/23/93	LCS	MCMCD120E221041	100.00	00.00		0.0
06/23/93		MSMSD1306231041	100.00	92.20	-	92
	LCSD	MSMSD1306231041	100.00	90.00	-	90
08/17/93	LCS	MSMSD1308171507	100.00	126.00	-	126
08/17/93	LCSD	MSMSD1308171507	100.00	140.00	ug/L	140
08/25/93	LCS	MSMSD1308251013	100.00	130.00	ug/L	130

08/25/93

ND = Not Detected

NC = Not Calculable

MSMSD1308251013

NS = Not Specified

117.00

100.00

LCSD

117

ug/L

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8270 - Semivolatile Organics Spiked Analyte : 2,4-Dinitrophenol continued

Type of Spike : Laboratory Control

09/20/93	LCS	MSMSD1309201450	100.00	122.00	ug/L	122
09/20/93	LCSD	MSMSD1309201450	100.00	121.00	ug/L	121
09/23/93	LCS	MSMSD1309230953	100.00 ·	107.00 *	ug/L	107
09/23/93	LCSD	MSMSD1309230953	100.00	108.00 *	ug/L	108
06/14/93	LCS	MSMSD2306140820	100.00	142.00	ug/L	142
06/14/93	LCS	MSMSD2306140820	100.00	142.00	ug/L	142
06/14/93	LCSD	MSMSD2306140820	100.00	134.00	ug/L	134
06/14/93	LCSD	MSMSD2306140820	100.00	135.00	ug/L	135
06/15/93	LCS	MSMSD2306150816	100.00	113.00	ug/L	113
06/15/93	LCS	MSMSD2306150816	100.00	113.00	ug/L	113
06/15/93	LCSD	MSMSD2306150816	100.00	132.00	ug/L	132
06/15/93	LCSD	MSMSD2306150816	100.00	132.00	ug/L	132
06/16/93	LCS	MSMSD2306160814	100.00	121.00	ug/L	121
06/16/93	LCSD	MSMSD2306160814	100.00	144.00	ug/L	144
06/22/93	LCS	MSMSD2306220822	100.00	137.00	ug/L	137
06/22/93	LCSD	MSMSD2306220822	100.00	151.00	ug/L	151
06/23/93	LCS	MSMSD2306230826	100.00	129.00	ug/L	129
06/23/93	LCSD	MSMSD2306230826	100.00	134.00	ug/L	134
06/24/93	LCS	MSMSD2306240908	100.00	127.00	ug/L	127
06/24/93	LCS	MSMSD2306240908	100.00	120.00	ug/L	120
06/24/93	LCSD	MSMSD2306240908	100.00	130.00	ug/L	130
06/24/93	LCSD	MSMSD2306240908	100.00	131.00	ug/L	131
08/07/93	LCS	MSMSD2308070819	100.00	95.20	ug/L	95
08/07/93	LCSD	MSMSD2308070819	100.00	90.40	ug/L	90
09/24/93	LCS	MSMSD2309240819	100.00	97.80	ug/L	98
09/24/93	LCSD	MSMSD2309240819	100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817	100.00	98.00	ug/L	98
10/08/93	LCSD	MSMSD2310080817	100.00	101.00	ug/L	101
10/11/93	LCS	MSMSD2310110812	100.00	102.00	ug/L	102
10/11/93	LCSD	MSMSD2310110812	100.00	103.00	ug/L	103
						<b></b> -

Number of Samples : 36 Mean % Recovery : 119.8 Standard Deviation : 17.25 Below acceptance : 0
Above acceptance : 0
Acceptance Criteria D-191

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE				ORIG.	AMOUN	T AMOUNT	RESULT	. %
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKE	D RECOVERED	UNIT	RECOVE
	) - Semivolatile	Organics						
oiked Analyte : 2,4-Di	nitrotoluene							
Type of Spike : Labora	atory Control							
06/23/93	LCS		MSMSD1306231041		100.00	87.80	ug/L	88
06/23/93	LCSD		MSMSD1306231041		100.00	85.40	ug/L	85
08/17/93	LCS		MSMSD1308171507		100.00	93.20	ug/L	93
08/17/93	LCSD		MSMSD1308171507		100.00	100.00	ug/L	100
08/25/93	LCS		MSMSD1308251013		100.00	98.20	ug/L	98
08/25/93	LCSD		MSMSD1308251013		100.00	89.60	ug/L	90
09/20/93	LCS		MSMSD1309201450		100.00	104.00	ug/L	104
09/20/93	LCSD		MSMSD1309201450		100.00	103.00	ug/L	103
09/23/93	LCS		MSMSD1309230953		100.00	92.80 *	ug/L	93
09/23/93	LCSD		MSMSD1309230953		100.00	95.60 *	ug/L	96
06/14/93	LCS		MSMSD2306140820		100.00	104.00	ug/L	104
06/14/93	LCS		MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCSD		MSMSD2306140820		100.00		ug/L	109
06/14/93	LCSD		MSMSD2306140820		100.00	98.50	ug/L	99
06/15/93	LCS		MSMSD2306150816		100.00	93.60	ug/L	94
06/15/93	LCS		MSMSD2306150816		100.00	93.60	ug/L	94
06/15/93	LCSD		MSMSD2306150816		100.00	99.50	ug/L	99
06/15/93	LCSD		MSMSD2306150816		100.00	99.50	ug/L	99
06/16/93	LCS .		MSMSD2306160814		100.00	97.20	ug/L	97
06/16/93	LCSD		MSMSD2306160814		100.00	105.00	ug/L	105
06/22/93	LCS		MSMSD2306220822		100.00	107.00	ug/L	107
06/22/93	LCSD		MSMSD2306220822		100.00	111.00	ug/L	111
06/23/93	LCS		MSMSD2306230826		100.00	101.00	ug/L	101
06/23/93	LCSD		MSMSD2306230826		100.00	104.00	ug/L	104
06/24/93	LCS		MSMSD2306240908		100.00	97.70	ug/L	98
06/24/93	LCS		MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD		MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD		MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS		MSMSD2308070819		100.00	84.50	ug/L	85
08/07/93	LCSD		MSMSD2308070819		100.00	82.60	ug/L	83
09/24/93	LCS		MSMSD2309240819		100.00	91.50	ug/L ug/L	91
09/24/93	LCSD		MSMSD2309240819		100.00	91.50	ug/L ug/L	91
10/08/93	LCS		MSMSD2310080817		100.00	91.60		92
10/08/93	LCSD		MSMSD2310080817		100.00	93.10	ug/L ug/L	93
10/11/93	LCS		MSMSD23101000017		100.00	95.50	ug/L ug/L	96
10/11/93	LCSD		MSMSD2310110812		100.00	88.20	ug/L ug/L	88
Number of Sa	amples	<del></del> : 36		Below accepta	nco :	n		
Mean % Recov	•	: 97.4		Above accepta		0		
Standard Dev	-	: 7.20	1	Acceptance Cr		0		
Standard Des	Fractoli -	. /.21	•	Acceptance Cr	ıterid	39-139		
pe of Spike : Matrix	Spike			,				
09/20/93	06-MW-07-01	MS	MSMSD1309201450	ND	107 00	05 20	/!	0.0
09/20/93	00 MM-07-01	1.10	MON301303201430	ND	107.00	85.30	ug/L	80

09/20/93

ND = Not Detected

06-MW-07-01 MSD

NR = Not Reported * = Value considered suspect, refer to QC report

NC = Not Calculable

ND

MSMSD1309201450

NS = Not Specified

75.10

ug/L

98.00

77

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics Spiked Analyte : 2,4-Dinitrotoluene continued

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	83.90	ug/L	84
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	80.90	ug/L	81
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	79.60	ug/L	79
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	82.80	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	75.00	ug/L	75
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	75.20	ug/L	75

Number of Samples : 8
Mean % Recovery : 79.1
Standard Deviation : 3.27

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 39-139

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,6-Dinitrotoluene

06/23/93	LCS	MSMSD1306231041	100.00	91.60	ug/L	92
06/23/93	LCSD	MSMSD1306231041	100.00	91.00	ug/L	91
08/17/93	LCS	MSMSD1308171507	100.00	103.00	ug/L	103
08/17/93	LCSD	MSMSD1308171507	100.00	110.00	ug/L	110
08/25/93	LCS	MSMSD1308251013	100.00	102.00	ug/L	102
08/25/93	LCSD	MSMSD1308251013	100.00 .	95.10	ug/L	95
09/20/93	LCS	MSMSD1309201450	100.00	114.00	ug/L	114
09/20/93	LCSD	MSMSD1309201450	100.00	112.00	ug/L	112
09/23/93	LCS	MSMSD1309230953	100.00	99.20 *	ug/L	99
09/23/93	LCSD	MSMSD1309230953	100.00	104.00 *	ug/L	104
06/14/93	LCS	MSMSD2306140820	100.00	110.00	ug/L	110
06/14/93	LCS	MSMSD2306140820	100.00	119.00	ug/L	119
06/14/93	LCSD	MSMSD2306140820	100.00	116.00	ug/L	116
06/14/93	LCSD	MSMSD2306140820	100.00	104.00	ug/L	104
06/15/93	LCS	MSMSD2306150816	100.00	97.60	ug/L	98
06/15/93	LCS	MSMSD2306150816	100.00	97.60	ug/L	98
06/15/93	LCSD	MSMSD2306150816	100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816	100.00	106.00	ug/L	106
06/16/93	LCS ,	MSMSD2306160814	100.00	99.90	ug/L	100
06/16/93	LCSD	MSMSD2306160814	100.00	110.00	ug/L	110
06/22/93	LCS	MSMSD2306220822	100.00	116.00	ug/L	116
06/22/93	LCSD	MSMSD2306220822	100.00	119.00	ug/L	119
06/23/93	LCS	MSMSD2306230826	100.00	109.00	ug/L	109
06/23/93	LCSD	MSMSD2306230826	100.00	112.00	ug/L	112
06/24/93	LCS	MSMSD2306240908	100.00	105.00	ug/L	105
06/24/93	LCS	MSMSD2306240908	100.00	109.00	ug/L	109
06/24/93	LCSD	MSMSD2306240908	100.00	108.00	ug/L	108
06/24/93	LCSD	MSMSD2306240908	100.00	109.00	ug/L	109
08/07/93	LCS	MSMSD2308070819	100.00	91.80	ug/L	92

DATE ANALYZED	SAMPLE ID	ВАТС	H ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
Method : SW8270 Spiked Analyte : 2,6-Di								
ype of Spike : Laborat	ory Control							
08/07/93	LCSD	MSMS	D2308070819		100.00	90.50	ug/L	91
09/24/93	LCS	MSMS	D2309240819		100.00	100.00	ug/L	100
09/24/93	LCSD	MSMS	D2309240819		100.00	103.00	ug/L	103
10/08/93	LCS	MSMS	D2310080817		100.00	98.20	ug/L	98
10/08/93	LCSD	MSMS	D2310080817		100.00	106.00	ug/L	106
10/11/93	LCS	MSMS	D2310110812		100.00	105.00	ug/L	105
10/11/93	LCSD	MSMS	D2310110812		100.00	98.50	ug/L	98
Number of S	amples	: 36		Below accepta	nce :	0		
Mean % Reco	very	: 104.7		Above accepta		0		
Standard De	viation	: 7.70		Acceptance Cr		50-158		

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Chloronaphthalene

06/23/93	LCS	MSMSD1306231041	100.00	77.20	ug/L	77	
06/23/93	LCSD	MSMSD1306231041	100.00	77.30	ug/L	77	
08/17/93	LCS	MSMSD1308171507	100.00	84.00	ug/L	84	
08/17/93	LCSD	MSMSD1308171507	100.00	88.60	ug/L	89	
08/25/93	LCS	MSMSD1308251013	100.00	82.40	ug/L	82	
08/25/93	LCSD	MSMSD1308251013	100.00	74.70	ug/L	75	
09/20/93	LCS	MSMSD1309201450	100.00	88.50	ug/L	88	
09/20/93	LCSD	MSMSD1309201450	100.00	89.10	ug/L	89	
09/23/93	LCS	MSMSD1309230953	100.00	80.10 *	ug/L	80	
09/23/93	LCSD	MSMSD1309230953	100.00	81.50 *	ug/L	82	
06/14/93	LCS	. MSMSD2306140820	100.00	94.10	ug/L	94	
06/14/93	LCS	MSMSD2306140820	100.00	99.40	ug/L	99	
06/14/93	LCSD	MSMSD2306140820	100.00	97.50	ug/L	97	
06/14/93	LCSD	MSMSD2306140820	100.00	88.30	ug/L	88	
06/15/93	LCS	MSMSD2306150816	100.00	89.30	ug/L	89	
06/15/93	LCS	MSMSD2306150816	100.00	89.30	ug/L	89	
06/15/93	LCSD	MSMSD2306150816	100.00	97.80	ug/L	98	
06/15/93	LCSD	MSMSD2306150816	100.00	97.80	ug/L	98	
06/16/93	LCS	MSMSD2306160814	100.00	87.60	ug/L	88	
06/16/93	LCSD	MSMSD2306160814	100.00	93.90	ug/L	94	
06/22/93	LCS	MSMSD2306220822	100.00	95.80	ug/L	96	
06/22/93	LCSD	MSMSD2306220822	100.00	96.20	ug/L	96	
06/23/93	LCS	MSMSD2306230826	100.00	89.20	ug/L	89	
06/23/93	LCSD	MSMSD2306230826	100.00	91.20	ug/L	91	
06/24/93	LCS	MSMSD2306240908	100.00	87.40	ug/L	87	
06/24/93	LCS	MSMSD2306240908	100.00	94.00	ug/L	94	
06/24/93	LCSD	MSMSD2306240908	100.00	90.60	ug/L	91	
06/24/93	LCSD	MSMSD2306240908	100.00	91.70	ug/L	92	
					J	-	

)								
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics Spiked Analyte : 2-Chloronaphthalene continued

Type of Spike : Laboratory Control

08/07/93	LCS	MSMSD2308070819	100.00	80.20	ug/L	80
08/07/93	LCSD	MSMSD2308070819	100.00	80.60	ug/L	81
09/24/93	LCS	MSMSD2309240819	100.00	87.80	ug/L	88
09/24/93	LCSD	MSMSD2309240819	100.00	88.60	ug/L	89
10/08/93	LCS	MSMSD2310080817	100.00	88.90	ug/L	89
10/08/93	LCSD	MSMSD2310080817	100.00	89.40	ug/L	89
10/11/93	LCS	MSMSD2310110812	100.00	93.00	ug/L	93
10/11/93	LCSD	MSMSD2310110812	100.00	88.60	ug/L	89

Number of Samples : 36 Mean % Recovery : 88.6 Standard Deviation : 6.25

0 Below acceptance : Above acceptance : 0 Acceptance Criteria 60-118

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Chlorophenol

	•		,			
06/23/93	LCS	MSMSD1306231041	100.00	76.90	ug/L	77
06/23/93	LCSD	MSMSD1306231041	100.00	82.10	ug/L	82
08/17/93	LCS	MSMSD1308171507	100.00	87.60	ug/L	88
08/17/93	LCSD	MSMSD1308171507	100.00	95.40	ug/L	95
08/25/93	LCS	MSMSD1308251013	100.00	82.20	ug/L	82
08/25/93	LCSD	MSMSD1308251013	100.00	75.70	ug/L	76
09/20/93	LCS	MSMSD1309201450	100.00	85.90	ug/L	86
09/20/93	LCSD	MSMSD1309201450	100.00	94.30	ug/L	94
09/23/93	LCS	MSMSD1309230953	100.00	90.20 *	ug/L	90
09/23/93	LCSD	MSMSD1309230953	100.00	90.30 *	ug/L	90
06/14/93	LCS	MSMSD2306140820	100.00	94.30	ug/L	94
06/14/93	LCS	MSMSD2306140820	100.00	93.20	ug/L	93
06/14/93	LCSD	MSMSD2306140820	100.00	89.70	ug/L	90
06/14/93	LCSD	MSMSD2306140820	100.00	98.80	ug/L	99
06/15/93	LCS	MSMSD2306150816	100.00	87.10	ug/L	87
06/15/93	LCS	MSMSD2306150816	100.00	87.10	ug/L	87
06/15/93	LCSD	MSMSD2306150816	100.00	93.70	ug/L	94
06/15/93	LCSD	MSMSD2306150816	100.00	93.70	ug/L	94
06/16/93	LCS	MSMSD2306160814	100.00	86.80	ug/L	87
06/16/93	LCSD	MSMSD2306160814	100.00	94.80	ug/L	95
06/22/93	LCS	MSMSD2306220822	100.00	95.40	ug/L	95
06/22/93	LCSD	MSMSD2306220822	100.00	101.00	ug/L	101
06/23/93	LCS	MSMSD2306230826	100.00	86.20	ug/L	86
06/23/93	LCSD	MSMSD2306230826	100.00	93.00	ug/L	93
06/24/93	LCS	MSMSD2306240908	100.00	90.00	ug/L	90
06/24/93	LCS	MSMSD2306240908	100.00	88.70	ug/L	89
06/24/93	LCSD	MSMSD2306240908	100.00	90.90	ug/L	91

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
<del></del>							
	0 - Semivolatile Organio	s					
oiked Analyte : 2-Chl	orophenol continued						
/pe of Spike : Labora	tory Control						
06/24/93	LCSD	MSMSD2306240908		100.00	91.00	ug/L	91
08/07/93	LCS	MSMSD2308070819		100.00	85.00	ug/L	85
08/07/93	LCSD	MSMSD2308070819		100.00	81.10	ug/L	81
09/24/93	LCS	MSMSD2309240819		100.00	94.80	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	97.40	ug/L	97
10/08/93	LCS	MSMSD2310080817		100.00	96.60	ug/L	97
10/08/93	LCSD	MSMSD2310080817		100.00	94.20	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	100.00	ug/L	100
10/11/93	LCSD	MSMSD2310110812		100.00	96.10	ug/L	96
Number of	Samples : 36		Below accept	ance ·	 0		
Mean % Reco	· · · · · · · · · · · · · · · · · · ·	0.6	•		0		
Standard De	•	6.06	Above accept Acceptance C		0 23-134		
			Acceptance C	riceria	25-154		
09/20/93 09/20/93	06-MW-07-01 MS 06-MW-07-01 MSD	MSMSD1309201450 MSMSD1309201450	ND ND	214.00 196.00	173.00 154.00	ug/L ug/l	81 79
		MSMSD1309201450	ND	196.00	154.00	ug/L	79
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	160.00	ug/L	80
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	157.00	•	78
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	155.00		77
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	151.00	•	75
10/08/93 10/08/93	08-SW-01-DS-01	MSMSD2310080817	· ND	200.00	157.00	_	79
10/08/93	08-SW-01-DS-01	MSMSD2310080817	<b>N</b> D	200.00	155.00	ug/L	78
Number of S	Samples : 8		Below accept	ance :	0		
Mean % Reco		8.4	Above accept	ance :	0		
Standard De	eviation :	1.85	Acceptance C	riteria 2	23-134	•	
Mark- di ougo zo							
Method : SW82/0 ked Analyte : 2-Meth	) - Semivolatile Organic ylnaphthalene	S					
pe of Spike : Labora	tory Control			•			
06/23/93	LCS	MSMSD1306231041		100.00	101.00	ug/L	101
06/23/93	LCSD	MSMSD1306231041		100.00	103.00	-	103
08/17/93	LCS	MSMSD1308171507		100.00	104.00		104
08/17/93	LCSD	MSMSD1308171507		100.00	109.00	_	109
08/25/93	LCS	MSMSD1308251013		100.00	110.00		110
08/25/93	LCSD	MSMSD1308251013		100.00	93.30		93
09/20/93	LCS	MSMSD1309201450		100.00	102.00		102
09/20/93	LCSD	MSMSD1309201450		100.00	105.00		105
06/14/93	LCS	MSMSD2306140820		100.00	106.00		106
,		.10.100200170020		100.00	100.00	ug/ L	TOO

06/14/93

MSMSD2306140820

100.00

111.00

LCS

111

ug/L

DATE	CAMPLE TO	DATCH IN	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
ANALYZED	SAMPLE ID	BATCH ID	KESUL1	3P1NED	RECOVERED	01411	
	3270 - Semivolatile	~					
Spiked Analyte : 2-N	Methylnaphthalene co	ntinued		•			
Type of Spike : Labo	oratory Control			•			
06/14/93	LCSD	MSMSD2306	140820	100.00	110.00	ug/L	110
06/14/93	LCSD	MSMSD2306	140820	100.00	102.00	ug/L	102
06/15/93	LCS	MSMSD2306	150816	100.00	99.60	ug/L	100
06/15/93	LCS	MSMSD2306	150816	100.00	99.60	ug/L	100
06/15/93	LCSD	MSMSD2306	150816	100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306	150816	100.00	108.00	ug/L	108
06/16/93	LCS	MSMSD2306	160814	100.00	103.00	ug/L	103
06/16/93	LCSD	MSMSD2306	160814	100.00	111.00	ug/L	111
06/22/93	LCS	MSMSD2306	220822	100.00	113.00	ug/L	113
06/22/93	LCSD	MSMSD2306	220822	100.00	117.00	ug/L	117
06/23/93	LCS	MSMSD2306	230826 .	100.00	101.00	ug/L	101
06/23/93	LCSD	MSMSD2306	230826	100.00	108.00	ug/L	108
06/24/93	LCS	MSMSD2306	240908	100.00	109.00	ug/L	109
06/24/93	LCS	MSMSD2306	240908	100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306	240908	100.00	107.00	ug/L	107
06/24/93	LCSD	MSMSD2306	240908	100.00	105.00	ug/L	105
08/07/93	LCS	MSMSD2308	070819	100.00	92.60	ug/L	93
08/07/93	LCSD	MSMSD2308	070819	100.00	97.50	ug/L	98
09/24/93	LCS	MSMSD23092	240819	100.00	140.00	ug/L	140
09/24/93	LCSD	MSMSD23092		100.00	140.00	ug/L	140
10/08/93	LCS	MSMSD2310	080817	100.00	144.00	ug/L	144
10/08/93	LCSD	MSMSD2310	080817	100.00	143.00	ug/L	143
10/11/93	LCS	MSMSD2310:		100.00	148.00	ug/L	148
10/11/93	LCSD	MSMSD2310	110812	100.00	141.00	ug/L	141
Number (	of Samples	: 34	Below accepta	 ance :	0		
	Recovery	: 111.6	Above accepta		0		
	d Deviation	: 15.51	Acceptance C		NS		
	3270 - Semivolatile Methylphenol (o-cres						
Type of Spike : Lak	• •	,					
06/23/93	LCS	MSMSD1306	231041	100.00	66.10	ug/L	66
06/23/93	LCSD	MSMSD1306		100.00	68.70	ug/L	69
08/17/93	LCS	MSMSD1308		100.00	81.40	ug/L	81
08/17/93	LCSD	MSMSD1308		100.00	87.90	ug/L	88
• •	LCS	MSMSD1308		100.00	79.10	ug/L	79
<b>U8/3</b> だ/03		MSMSD1308		100.00	69.40	ug/L	69
08/25/93 08/25/93	1 ሮደበ	HOUSTAND!					
08/25/93	LCSD		201450	100 00	81 50	ua/!	A !
08/25/93 09/20/93	LCS	MSMSD1309		100.00	81.50 91 10	ug/L ug/l	81 91
08/25/93 09/20/93 09/20/93	LCS LCSD	MSMSD1309; MSMSD1309;	201450	100.00	91.10	ug/L	91
08/25/93 09/20/93 09/20/93 06/14/93	LCS LCSD LCS	MSMSD1309; MSMSD1309; MSMSD2306;	201450 140820	100.00 100.00	91.10 82.30	ug/L ug/L	91 82
08/25/93 09/20/93 09/20/93	LCS LCSD	MSMSD1309; MSMSD1309;	201450 140820 140820	100.00	91.10	ug/L	91

NC = Not Calculable

NR = Not Reported * = Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
				31 TRED			
Method : SW8270	) - Semivolatile Orgar	nics					
piked Analyte : 2-Meth	ylphenol (o-cresol) o	continued					
ype of Spike : Laborat	cory Control						
06/14/93	LCSD	MSMSD2306140820		100.00	88.40	ug/L	88
06/15/93	LCS	MSMSD2306150816		100.00	79.30	ug/L	79
06/15/93	LCS	MSMSD2306150816		100.00	79.30	ug/L	79
06/15/93	LCSD	MSMSD2306150816		100.00	86.00	ug/L	86
06/15/93	LCSD	MSMSD2306150816		100.00	86.00	ug/L	86
06/16/93	LCS	MSMSD2306160814		100.00	77.40	ug/L	77
06/16/93	LCSD	MSMSD2306160814	4	100.00	87.20	ug/L	87
06/22/93	LCS	MSMSD2306220822		100.00	86.60	ug/L	87
06/22/93	LCSD	MSMSD2306220822		100.00	91.60	ug/L	92
06/23/93	LCS	MSMSD2306230826		100.00	77.70	ug/L	78
06/23/93	LCSD	MSMSD2306230826		100.00	83.80	ug/L	84
06/24/93	LCS	MSMSD2306240908		100.00	81.70	ug/L	82
06/24/93	LCS	MSMSD2306240908		100.00	79.80	ug/L	80
06/24/93	LCSD	MSMSD2306240908		100.00	82.00	ug/L	82
06/24/93	LCSD	MSMSD2306240908		100.00	79.30	ug/L	79
08/07/93	LCS	MSMSD2308070819		100.00	78.20	ug/L	78
08/07/93	LCSD	MSMSD2308070819		100.00	73.90	ug/L	74
09/24/93	LCS	MSMSD2309240819		100.00	90.70		91
09/24/93	LCSD	MSMSD2309240819		100.00	92.50	-	93
10/08/93	LCS	MSMSD2310080817		100.00	88.80	ug/L	89
						_	

MSMSD2310080817

MSMSD2310110812

MSMSD2310110812

Number of Samples : 34 Mean % Recovery : 82.8 Standard Deviation : 6.97

LCSD

LCS

LCSD

Below acceptance : Above acceptance :

100.00

100.00

100.00

0 Acceptance Criteria NS

89.90

93.30

91.20

ug/L

ug/L

ug/L

90

93

91

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Nitroaniline

10/08/93

10/11/93

10/11/93

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	77.60	ug/L	78
06/23/93	LCSD	MSMSD1306231041	100.00	77.20	ug/L	77
08/17/93	LCS	MSMSD1308171507	100.00	93.60	ug/L	94
08/17/93	LCSD	MSMSD1308171507	100.00	98.40	ug/L	98
08/25/93	LCS	MSMSD1308251013	100.00	89.90	ug/L	90
08/25/93	LCSD	MSMSD1308251013	100.00	81.40	ug/L	81
09/20/93	LCS	MSMSD1309201450	100.00	110.00	ug/L	110
09/20/93	LCSD	MSMSD1309201450	100.00	111.00	ug/L	111
06/14/93	LCS	MSMSD2306140820	100.00	109.00	ug/L	109
06/14/93	LCS	MSMSD2306140820	100.00	118.00	ug/L	118
06/14/93	LCSD	MSMSD2306140820	100.00	115.00	ug/L	115
06/14/93	LCSD	MSMSD2306140820	100.00	102.00	ug/L	102

Date Compiled: 30 April 1994 ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW82 liked Analyte : 2-Ni	70 - Semivolatile troaniline continu						·
pe of Spike : Labor	atory Control						
06/15/93	LCS	MSMSD2306150816		100.00	103.00	ug/L	103
06/15/93	LCS	MSMSD2306150816		100.00	103.00	ug/L	103
06/15/93	LCSD	MSMSD2306150816		100.00	110.00	ug/L	110
06/15/93	LCSD	MSMSD2306150816		100.00	110.00	ug/L	110
06/16/93	LCS	MSMSD2306160814		100.00	96.60	ug/L	97
06/16/93	LCSD	MSMSD2306160814		100.00	105.00	ug/L	105
06/22/93	LCS	MSMSD2306220822		100.00	112.00	ug/L	112
06/22/93	LCSD	MSMSD2306220822		100.00	116.00	ug/L	116
06/23/93	LCS	MSMSD2306230826		100.00	106.00	ug/L	106
06/23/93	LCSD	MSMSD2306230826		100.00	106.00	ug/L	106
06/24/93	LCS	MSMSD2306240908		100.00	104.00	ug/L	104
06/24/93	LCS	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
06/24/93	LCSD	MSMSD2306240908		100.00	105.00	ug/L	105
08/07/93	LCS	MSMSD2308070819		100.00	85.90	ug/L	86
08/07/93	LCSD	MSMSD2308070819		100.00	85.50	ug/L	85
09/24/93	LCS	MSMSD2309240819		100.00	92.70	ug/L	93
09/24/93	LCSD	MSMSD2309240819		100.00	93.80	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00		ug/L	96
10/08/93	LCSD	MSMSD2310080817		100.00	99.60	ug/L	100
10/11/93	LCS	MSMSD2310110812		100.00	98.90	ug/L	99
10/11/93	LCSD	MSMSD2310110812		100.00	93.40	ug/L	93
Number of	Samples	: 34	Below accepta	 ince :	0		
	covery	: 100.4	Above accepta		0		

: 10.63 Standard Deviation Acceptance Criteria NS

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Nitrophenol

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	84.80	ug/L	85
06/23/93	LCSD	MSMSD1306231041	100.00	87.80	ug/L	88
08/17/93	LCS	MSMSD1308171507	100.00	96.90	ug/L	97
08/17/93	LCSD	MSMSD1308171507	100.00	103.00	ug/L	103
08/25/93	LCS	MSMSD1308251013	100.00	96.80	ug/L	97
08/25/93	LCSD	MSMSD1308251013	100.00	84.90	ug/L	85
09/20/93	LCS	MSMSD1309201450	100.00	97.40	ug/L	97
09/20/93	LCSD	MSMSD1309201450	100.00	99.40	ug/L	99
09/23/93	LCS	MSMSD1309230953	100.00	99.30 *	ug/L	99
09/23/93	LCSD	MSMSD1309230953	100.00	103.00 *	ug/L	103
06/14/93	LCS	MSMSD2306140820	100.00	110.00	ug/L	110
06/14/93	LCS	MSMSD2306140820	100.00	109.00	ug/L	109
06/14/93	LCSD	MSMSD2306140820	100.00	103.00	ug/L	103

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270	) - Semivolatile	0rc	anics						
iked Analyte : 2-Niti		_							
pe of Spike : Laborat	tory Control								
06/14/93	LCSD			MSMSD2306140820		100.00	104.00	ug/L	104
06/15/93	LCS			MSMSD2306150816		100.00	97.80	ug/L	98
06/15/93	LCS			MSMSD2306150816		100.00	97.80	ug/L	98
06/15/93	LCSD			MSMSD2306150816		100.00	108.00	ug/L	108
06/15/93	LCSD			MSMSD2306150816		100.00	108.00	ug/L	108
06/16/93	LCS			MSMSD2306160814		100.00	100.00	ug/L	100
06/16/93	LCSD			MSMSD2306160814		100.00	111.00	ug/L	111
06/22/93	LCS			MSMSD2306220822		100.00	106.00	ug/L	106
06/22/93	LCSD			MSMSD2306220822		100.00	114.00	ug/L	114
06/23/93	LCS			MSMSD2306230826		100.00	98.40	ug/L	98
06/23/93	LCSD			MSMSD2306230826		100.00	104.00	ug/L	104
06/24/93	LCS			MSMSD2306240908		100.00	97.00	ug/L	97
06/24/93	LCS			MSMSD2306240908		100.00	103.00	ug/L	103
06/24/93	LCSD			MSMSD2306240908		100.00	103.00	ug/L	103
06/24/93	LCSD			MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS			MSMSD2308070819		100.00	88.40	ug/L	88
08/07/93	LCSD			MSMSD2308070819		100.00	86.40	ug/L	86
09/24/93	LCS			MSMSD2309240819		100.00	99.70	ug/L	100
09/24/93	LCSD			MSMSD2309240819		100.00	101.00	ug/L	101
10/08/93	LCS			MSMSD2310080817		100.00	104.00	ug/L	104
10/08/93	LCSD			MSMSD2310080817		100.00	101.00	ug/L	101
10/11/93	LCS			MSMSD2310110812		100.00	107.00	ug/L	107
10/11/93	LCSD			MSMSD2310110812		100.00	102.00	ug/L	102
Number of S	amples	:	36		Below accepta	 nce :	0		
Mean % Reco	very	:	100.5		Above accepta		0		
Standard De	viation	:	7.15		Acceptance Cr		9-182		

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 3,3'-Dichlorobenzidine

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	122.00	ug/L	122
06/23/93	LCSD	MSMSD1306231041	100.00	126.00	ug/L	126
08/17/93	LCS	MSMSD1308171507	100.00	133.00	ug/L	133
08/17/93	LCSD	MSMSD1308171507	100.00	137.00	ug/L	137
08/25/93	LCS .	MSMSD1308251013	100.00	127.00	ug/L	127
08/25/93	LCSD	MSMSD1308251013	100.00	121.00	ug/L	121
09/20/93	LCS	MSMSD1309201450	100.00	134.00	ug/L	134
09/20/93	LCSD	MSMSD1309201450	100.00	149.00	ug/L	149
09/23/93	LCS	MSMSD1309230953	100.00	120.00 *	ug/L	120
09/23/93	LCSD	MSMSD1309230953	100.00	138.00 *	ug/L	138
06/14/93	LCS	MSMSD2306140820	100.00	129.00	ug/L	129
06/14/93	LCS	MSMSD2306140820	100.00	146.00	ug/L	146

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
ANALTZEU	5AMPLE 10			RESULT	3F1KEU	RECOVERED		
Method : SW8270 liked Analyte : 3,3'-D	) - Semivolatile		1					
iked Analyte : 3,5 -L	rcmrorobenziaine	continue	1					
pe of Spike : Laborat	ory Control	ş.						
06/14/93	LCSD		MSMSD2306140820	1	100.00	148.00	ug/L	148
06/14/93	LCSD		MSMSD2306140820	1	100.00	134.00	ug/L	134
06/15/93	LCS		MSMSD2306150816		100.00	128.00	ug/L	128
06/15/93	LCS		MSMSD2306150816		100.00	128.00	ug/L	128
06/15/93	LCSD		MSMSD2306150816		L00.00	139.00	ug/L	139
06/15/93	LCSD		MSMSD2306150816		100.00	139.00	ug/L	139
06/16/93	LCS		MSMSD2306160814		100.00	123.00	ug/L	123
06/16/93	LCSD		MSMSD2306160814		100.00	136.00	ug/L	136
06/22/93	LCS		MSMSD2306220822		100.00	143.00	ug/L	143
06/22/93	LCSD		MSMSD2306220822			148.00	ug/L	148
06/23/93	LCS		MSMSD2306230826		100.00	136.00	ug/L	136
06/23/93	LCSD		MSMSD2306230826		100.00	140.00	ug/L	140
06/24/93	LCS		MSMSD2306240908		100.00	134.00	ug/L	134
06/24/93	LCS		MSMSD2306240908		100.00	133.00	ug/L	133
06/24/93	LCSD		MSMSD2306240908		100.00	136.00	ug/L ug/L	136
06/24/93	LCSD		MSMSD2306240908		100.00	140.00		140
							ug/L	
08/07/93	LCS		MSMSD2308070819		00.00	117.00	ug/L	117
08/07/93	LCSD		MSMSD2308070819		00.00	118.00	ug/L	118
09/24/93	LCS		MSMSD2309240819		00.00	138.00	ug/L	138
09/24/93	LCSD		MSMSD2309240819		.00.00	139.00	ug/L	139
10/08/93	LCS		MSMSD2310080817		.00.00	138.00	ug/L	138
10/08/93	LCSD		MSMSD2310080817		.00.00	146.00	ug/L	146
10/11/93 10/11/93	LCS LCSD		MSMSD2310110812 MSMSD2310110812		.00.00	143.00 136.00	ug/L ug/L	143 136
Number of S	•	: 36		Below acceptance	e:	0		
Mean % Reco	very	: 134.5		Above acceptanc	e:	0		
Standard De	viation	: 8.7	3	Acceptance Crit	eria	D-262		
	- Semivolatile (	)rganics						
iked Analyte : 3-Nitr	oaniline							
ype of Spike : Labora	tory Control							
	-							
06/23/93	LCS		MSMSD1306231041		.00.00	82.90	ug/L	83
06/23/93	LCSD		MSMSD1306231041	1	00.00	85.20	ug/L	85
08/17/93	LCS		MSMSD1308171507	1	.00.00	94.00	ug/L	94
08/17/93	LCSD		MSMSD1308171507	1	.00.00	96.80	ug/L	97
08/25/93	LCS		MSMSD1308251013	1	00.00	94.90	ug/L	95
08/25/93	LCSD		MSMSD1308251013	1	.00.00	86.10	ug/L	86
09/20/93	LCS		MSMSD1309201450	1	00.00	102.00	ug/L	102
00/20/02	1.000		NCHCD12000014E0	_	00 00	100 00		100

09/20/93

06/14/93

06/14/93

06/14/93

ND = Not Detected

NC = Not Calculable

MSMSD1309201450

MSMSD2306140820

MSMSD2306140820

MSMSD2306140820

NS = Not Specified

102.00

83.30

112.00

110.00

ug/L

ug/L

ug/L

ug/L

100.00

100.00

100.00

100.00

LCSD

LCS

LCS

LCSD

102

83

112

110

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. AMOUN RESULT SPIKE	NT AMOUNT ED RECOVERED	RESULT UNIT	RECOVER
Method SW8270	) - Semivolatile On	caanice				
Spiked Analyte : 3-Nitr		-				
Type of Spike : Laborat	cory Control					
06/14/93	LCSD	MSMSD2306140820	100.00	116.00	ug/L	116
06/15/93	LCS	MSMSD2306150816	100.00	94.00	ug/L	94
06/15/93	LCS	MSMSD2306150816	100.00	94.00	ug/L	94
06/15/93	LCSD	MSMSD2306150816	100.00	99.90	ug/L	100
06/15/93	LCSD	MSMSD2306150816	100.00	99.90	ug/L	100
06/16/93	LCS	MSMSD2306160814	100.00	94.90	ug/L	95
06/16/93	LCSD	MSMSD2306160814	100.00	105.00	ug/L	105
06/22/93	LCS	MSMSD2306220822	100.00	105.00	ug/L ug/L	105
06/22/93	LCSD	MSMSD2306220822	100.00	103.00		
06/23/93	LCS	MSMSD2306230826			ug/L	109
06/23/93	LCSD		100.00	104.00	ug/L	104
06/24/93	LCS	MSMSD2306230826	100.00	105.00	ug/L	105
06/24/93	LCS	MSMSD2306240908	100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908	100.00	102.00	ug/L	102
		MSMSD2306240908	100.00	104.00	ug/L	104
06/24/93	LCSD	MSMSD2306240908	100.00	104.00	ug/L	104
08/07/93	LCS	MSMSD2308070819	100.00	91.50	ug/L	92
08/07/93	LCSD	MSMSD2308070819	100.00	90.10	ug/L	90
09/24/93	· LCS	MSMSD2309240819	100.00	99.80	ug/L	100
09/24/93	LCSD	MSMSD2309240819	100.00	99.10	ug/L	99
10/08/93	LCS	MSMSD2310080817	100.00	98.20	ug/L	98
10/08/93	LCSD	MSMSD2310080817	100.00	104.00	ug/L	104
10/11/93	LCS	MSMSD2310110812	100.00	103.00	ug/L	103
10/11/93 	LCSD	MSMSD2310110812	100.00	96.10	ug/L	96
Number of S	•	: 34	Below acceptance :	0		
Mean % Reco	-	: 99.1	Above acceptance :	0		
Standard De	viation	: 7.91	Acceptance Criteria	NS		
Method : SW8270 piked Analyte : 4,6-Di	- Semivolatile Or nitro-2-methylphen	<del></del>				
Type of Spike : Labora	tory Control					
06/23/93	LCS	MSMSD1306231041	100.00	01 70	(1	20
06/23/93	LCSD	MSMSD1306231041	100.00	81.70	•	82
08/17/93	LCS	MSMSD1308231041 MSMSD1308171507	100.00	81.70	_	82
08/17/93	LCSD		100.00	108.00		108
08/25/93	LCS	MSMSD1308171507 MSMSD1308251013	100.00	113.00		113
08/25/93	LCSD		100.00	102.00	-	102
09/20/93	LCS	MSMSD1308251013	100.00	97.20	_	97
09/20/93		MSMSD1309201450	100.00	108.00	-	108
	LCSD	MSMSD1309201450	100.00	116.00	_	116
09/23/93 09/23/93	LCS LCSD	MSMSD1309230953	100.00	102.00 *	ug/L	102
U7//3/43	1.1 NH	MAMADIZAUGZAGES	100.00	100 00 *	/1	100

Date Compiled: 30 April 1994

09/23/93

06/14/93

06/14/93

ND = Not Detected

NC = Not Calculable

MSMSD1309230953

MSMSD2306140820

MSMSD2306140820

NS = Not Specified

106.00 *

129.00

131.00

ug/L

ug/L

ug/L

100.00

100.00

100.00

LCSD

LCS

LCS

106

129

131

DATE	•		ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8270 - Semivolatile Organics Spiked Analyte : 4,6-Dinitro-2-methylphenol continued

Type of Spike : Laboratory Control

06/14/93	LCSD	MSMSD2306140820	100.00	128.00	ug/L	128	
06/14/93	LCSD	MSMSD2306140820	100.00	122.00	ug/L	122	
06/15/93	LCS	MSMSD2306150816	100.00	113.00	ug/L	113	
06/15/93	LCS	MSMSD2306150816	100.00	113.00	ug/L	113	
06/15/93	LCSD	MSMSD2306150816	100.00	125.00	ug/L	125	
06/15/93	LCSD	MSMSD2306150816	100.00	125.00	ug/L	125	
06/16/93	LCS	MSMSD2306160814	100.00	116.00	ug/L	116	
06/16/93	LCSD	MSMSD2306160814	100.00	126.00	ug/L	126	
06/22/93	LCS	MSMSD2306220822	100.00	125.00	ug/L	125	
06/22/93	LCSD	MSMSD2306220822	100.00	137.00	ug/L	137	
06/23/93	LCS	MSMSD2306230826	100.00	119.00	ug/L	119	
06/23/93	LCSD	MSMSD2306230826	100.00	125.00	ug/L	125	
06/24/93	LCS	MSMSD2306240908	100.00	120.00	ug/L	120	
06/24/93	LCS	MSMSD2306240908	100.00	118.00	ug/L	118	
06/24/93	LCSD	MSMSD2306240908	100.00	123.00	ug/L	123	
06/24/93	LCSD	MSMSD2306240908	100.00	124.00	ug/L	124	
08/07/93	LCS	MSMSD2308070819	100.00	91.00	ug/L	91	
08/07/93	LCSD	MSMSD2308070819	100.00	89.40	ug/L	89	
09/24/93	LCS	MSMSD2309240819	100.00	104.00	ug/L	104	
09/24/93	LCSD	MSMSD2309240819	100.00	105.00	ug/L	105	
10/08/93	LCS	MSMSD2310080817	100.00	104.00	ug/L	104	
10/08/93	LCSD	MSMSD2310080817	100.00	103.00	ug/L	103	
10/11/93	LCS	MSMSD2310110812	100.00	105.00	ug/L	105	•
10/11/93	LCSD	MSMSD2310110812	100.00	104.00	ug/L	104	
					<b></b> -		-

Number of Samples : 36 Mean % Recovery : 112.2 Standard Deviation : 13.72 Below acceptance: 0
Above acceptance: 0
Acceptance Criteria D-181

Method : SW8270 - Semivolatile Organics Spiked Analyte : 4-Bromophenyl phenyl ether

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	86.40	ug/L	86
06/23/93	LCSD	MSMSD1306231041	100.00	87.10	ug/L	87
08/17/93	LCS	MSMSD1308171507	100.00	102.00	ug/L	102
08/17/93	LCSD	MSMSD1308171507	100.00	97.80	ug/L	98
08/25/93	LCS	MSMSD1308251013	100.00	91.30	ug/L	91
08/25/93	LCSD	MSMSD1308251013	100.00 ·	87.00	ug/L	87
09/20/93	LCS	MSMSD1309201450	100.00	107.00	ug/L	107
09/20/93	LCSD	MSMSD1309201450	100.00	116.00	ug/L	116
09/23/93	LCS	MSMSD1309230953	100.00	96.60 *	ug/L	97
09/23/93	LCSD	MSMSD1309230953	100.00	93.00 *	ug/L	93
06/14/93	LCS	MSMSD2306140820	100.00	95.00	ug/L	95

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE AŅALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
Method : SW8270	- Semivolatile ophenyl phenyl e	-						
of Spike : Laborat								
06/14/93	LCS		MSMSD2306140820	1	00.00	104.00	ug/L	104
06/14/93	LCSD		MSMSD2306140820	16	00.00	100.00	ug/L	100
06/14/93	LCSD		MSMSD2306140820		00.00	90.20	ug/L	90
06/15/93	LCS		MSMSD2306150816		00.00	94.20	ug/L	94
06/15/93	LCS		MSMSD2306150816		00.00	94.20	ug/L	94
06/15/93	LCSD		MSMSD2306150816		00.00	99.80	ug/L	100
06/15/93	LCSD		MSMSD2306150816		00.00	99.80	ug/L	100
06/16/93	LCS		MSMSD2306160814		00.00	90.60	ug/L	91
06/16/93	LCSD		MSMSD2306160814		00.00	97.20	ug/L	97
06/22/93	LCS		MSMSD2306220822		00.00	102.00	ug/L	102
06/22/93	LCSD		MSMSD2306220822		00.00	105.00	ug/L	105
06/23/93	LCS		MSMSD2306230826		00.00	95.30	ug/L	95
06/23/93	LCSD		MSMSD2306230826		00.00	98.50	ug/L	99
06/24/93	LCS		MSMSD2306240908		00.00	95.70	ug/L	96
06/24/93	LCS		MSMSD2306240908		00.00	97.70	ug/L	98
06/24/93	LCSD		MSMSD2306240908		00.00	98.20	ug/L	98
06/24/93	LCSD		MSMSD2306240908		00.00	98.00	ug/L	98
08/07/93	LCS		MSMSD2308070819		00.00	85.00	ug/L	85
08/07/93	LCSD		MSMSD2308070819	10	00.00	83.40	ug/L	83
09/24/93	LCS		MSMSD2309240819	10	00.00	94.00	ug/L	94
09/24/93	LCSD		MSMSD2309240819	10	00.00	94.20	ug/L	94
10/08/93	LCS		MSMSD2310080817	10	0.00	94.20	ug/L	94
10/08/93	LCSD		MSMSD2310080817	10	0.00	94.60	ug/L	95
10/11/93	LCS		MSMSD2310110812	10	0.00	99.60	ug/L	100
10/11/93 	LCSD		MSMSD2310110812	10	0.00	95.10	ug/L	95
Number of Sa	amples	: 36		Below acceptance	:	0		
Mean % Reco	very	: 96	1.1	Above acceptance		0		
Standard Dev	/iation	: 6	.55	Acceptance Crite	ria 5	3-127		

Spiked Analyte : 4-Chloro-3-methylphenol

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	90.60	ug/L	91
06/23/93	LCSD	MSMSD1306231041	100.00	90.60	ug/L	91
08/17/93	LCS	MSMSD1308171507	100.00	93.30	ug/L	93
08/17/93	LCSD	MSMSD1308171507	100.00	103.00	ug/L	103
08/25/93	LCS	MSMSD1308251013	100.00	95.20	ug/L	95
08/25/93	LCSD	MSMSD1308251013	100.00	83.50	ug/L	84
09/20/93	LCS	MSMSD1309201450	100.00	98.10	ug/L	98
09/20/93	LCSD	MSMSD1309201450	100.00	104.00	ug/L	104
09/23/93	LCS	MSMSD1309230953	100.00	102.00 *	ug/L	102
09/23/93	LCSD	MSMSD1309230953	100.00	104.00 *	ug/L	104

Date Compiled: 30 April 1994

ND = Not Detected

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270	) - Semivolatile Orgar	iics	•				
piked Analyte : 4-Chlo	oro-3-methylphenol cor	tinued					
ype of Spike : Laborat	tory Control						
06/14/93	LCS	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	105.00	ug/L	105
06/14/93	LCSD	MSMSD2306140820		100.00	101.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820		100.00	101.00	ug/L	101
06/15/93	LCS	MSMSD2306150816		100.00	96.60	ug/L	97
06/15/93	LCS	MSMSD2306150816		100.00	96.60	ug/L	97
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816		100.00	106.00	ug/L	106
06/16/93	LCS	MSMSD2306160814		100.00	95.10	ug/L	95
06/16/93	LCSD	MSMSD2306160814		100.00	106.00	ug/L	106
06/22/93	LCS	MSMSD2306220822		100.00	99.70	ug/L	100
06/22/93	LCSD	MSMSD2306220822		100.00	108.00	ug/L	108
06/23/93	LCS	MSMSD2306230826		100.00	93.30	ug/L	93
06/23/93	LCSD	MSMSD2306230826		100.00	101.00	ug/L	101
06/24/93	LCS	MSMSD2306240908		100.00	96.90	ug/L	97
06/24/93	LCS	MSMSD2306240908		100.00	92.40	ug/L	92
06/24/93	LCSD	MSMSD2306240908		100.00	97.50	ug/L	97
06/24/93	LCSD	MSMSD2306240908		100.00 .	98.10	ug/L	98
08/07/93	LCS	MSMSD2308070819		100.00	87.80	ug/L	88
08/07/93	LCSD	MSMSD2308070819		100.00	86.40	ug/L	86
09/24/93	LCS	MSMSD2309240819		100.00	95.40	ug/L	95
09/24/93	LCSD	MSMSD2309240819		100.00	95.20	ug/L	95
10/08/93	LCS	MSMSD2310080817		100.00	102.00	ug/L	102
10/08/93	LCSD	MSMSD2310080817		100.00	98.70	ug/L	99
10/11/93	LCS	MSMSD2310110812		100.00	103.00	ug/L	103
10/11/93	LCSD	MSMSD2310110812		100.00	98.20	ug/L	98
Number of S	iamples :	36	Below accept	ance :	0		
Mean % Reco	overy :	98.1	Above accept	ance :	0		
Standard De	eviation :	5.87	Acceptance C	riteria 2	22-147		
ype of Spike : Matrix	Snika	· .					
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	214.00	176.00	ug/L	82
09/20/93	06-MW-07-01 MSD	MSMSD1309201450	ND	196.00	165.00	ug/L	84
06/14/93	12-MW-02-DS-03 M		ND	200.00	173.00	ug/L	87
06/14/93	12-MW-02-DS-03 M		ND	200.00	174.00	ug/L	87
06/15/93	07-MW-02-DS-03 M		ND	202.00	175.00	ug/L	86
06/15/93	07-MW-02-DS-03 M		ND	202.00	166.00	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	163.00	ug/L	82
10/09/02	00_CU_01_DC_01	MCMCD2210000017	ND	200.00	150 00	110/1	80

10/08/93

ND

MSMSD2310080817

200.00 159.00

08-SW-01-DS-01

ug/L 80

DATE ORIG. AMOUNT AMOUNT **RESULT** % **ANALYZED** SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVER -----

Method : SW8270 - Semivolatile Organics Spiked Analyte: 4-Chloro-3-methylphenol continued

Type of Spike : Matrix Spike

Number of Samples Below acceptance : Mean % Recovery 83.8 Above acceptance : 0 Standard Deviation 2.66 Acceptance Criteria 22-147

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 4-Chloroaniline

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	84.00	ug/L	84
06/23/93	LCSD	MSMSD1306231041	100.00	84.00	ug/L	84
08/17/93	LCS	MSMSD1308171507	100.00	85.00	ug/L	85
08/17/93	LCSD	MSMSD1308171507	100.00	93.10	ug/L	93
08/25/93	LCS	MSMSD1308251013	100.00	83.00	ug/L	83
08/25/93	LCSD	MSMSD1308251013	100.00	73.00	ug/L	73
09/20/93	LCS	MSMSD1309201450	100.00	88.30	ug/L	88
09/20/93	LCSD	MSMSD1309201450	100.00	93.80	ug/L	94
06/14/93	LCS	MSMSD2306140820	100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820	100.00	99.60	ug/L	100
06/15/93	LCS	MSMSD2306150816	100.00	86.80	ug/L	87
06/15/93	LCS	MSMSD2306150816	100.00	86.80	ug/L	87
06/15/93	LCSD ·	MSMSD2306150816	100.00	93.10	ug/L	93
06/15/93	LCSD	MSMSD2306150816	100.00	93.10	ug/L	93
06/16/93	LCS	MSMSD2306160814	100.00	86.20	ug/L	86
06/16/93	LCSD	MSMSD2306160814	100.00	94.60	ug/L	95
06/22/93	LCS	MSMSD2306220822	100.00	101.00	ug/L	101
06/22/93	LCSD	MSMSD2306220822	100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826	100.00	95.30	ug/L	95
06/23/93	LCSD	MSMSD2306230826	100.00	99.00	ug/L	99
06/24/93	LCS	MSMSD2306240908	100.00	94.80	ug/L	95
06/24/93	LCS	MSMSD2306240908	100.00	96.10	ug/L	96
06/24/93	LCSD	MSMSD2306240908	100.00	98.00	ug/L	98
06/24/93	LCSD	MSMSD2306240908	100.00	98.70	ug/L	99
08/07/93	LCS	MSMSD2308070819	100.00	90.70	ug/L	91
08/07/93	LCSD	MSMSD2308070819	100.00	92.50	ug/L	92
09/24/93	LCS	MSMSD2309240819	100.00	104.00	ug/L	104
09/24/93	LCSD	MSMSD2309240819	100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817	100.00	107.00	ug/L	107
10/08/93	LCSD	MSMSD2310080817	100.00	108.00	ug/L	108
10/11/93	LCS	MSMSD2310110812	100.00	107.00	ug/L	107
10/11/93	LCSD	MSMSD2310110812	100.00	104.00	ug/L	104
Number of Sa	amples	: 32	Below acceptance :	0	<b>4</b>	
Moon of Dones		04.0				

Date Compiled: 30 April 1994

Mean % Recovery

Standard Deviation

ND = Not Detected

94.8

8.45

NC = Not Calculable

Above acceptance :

Acceptance Criteria

NS = Not Specified

NS

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics Spiked Analyte : 4-Chlorophenyl phenyl ether

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	99.80	ug/L	100
06/23/93	LCSD	MSMSD1306231041	100.00	99.10	ug/L	99
08/17/93	LCS	MSMSD1308171507	100.00	108.00	ug/L	108
08/17/93	LCSD	MSMSD1308171507	100.00	111.00	ug/L	111
08/25/93	LCS	MSMSD1308251013	100.00	111.00	ug/L	111
08/25/93	LCSD	MSMSD1308251013	100.00	102.00	ug/L	102
09/20/93	LCS	MSMSD1309201450	100.00	118.00	ug/L	118
09/20/93	LCSD	MSMSD1309201450	100.00	117.00	ug/L	117
09/23/93	LCS	MSMSD1309230953	100.00	102.00 *	ug/L	102
09/23/93	LCSD	MSMSD1309230953	100.00	108.00 *	ug/L	108
06/14/93	LCS	MSMSD2306140820	100.00	107.00	ug/L	107
06/14/93	LCS	MSMSD2306140820	100.00	111.00	ug/L	111
06/14/93	LCSD	MSMSD2306140820	100.00	110.00	ug/L	110
06/14/93	LCSD	MSMSD2306140820	100.00	99.20	ug/L	99
06/15/93	LCS	MSMSD2306150816	100.00	102.00	ug/L	102
06/15/93	LCS	MSMSD2306150816	100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816	100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816	100.00	106.00	ug/L	106
06/16/93	LCS	MSMSD2306160814	100.00	101.00	ug/L	101
06/16/93	LCSD	MSMSD2306160814	100.00	108.00	ug/L	108
06/22/93	LCS	MSMSD2306220822	100.00	108.00	ug/L	108
06/22/93	LCSD	MSMSD2306220822	100.00	110.00	ug/L	110
06/23/93	LCS	MSMSD2306230826	100.00	102.00	ug/L	102
06/23/93	LCSD	MSMSD2306230826	100.00	105.00	ug/L	105
06/24/93	LCS	MSMSD2306240908	100.00	104.00	ug/L	104
06/24/93	LCS	MSMSD2306240908	100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908	100.00	104.00	ug/L	104
06/24/93	LCSD	MSMSD2306240908	100.00	103.00	ug/L	103
08/07/93	LCS	MSMSD2308070819	100.00	93.20	ug/L	93
08/07/93	LCSD	MSMSD2308070819	100.00	91.00	ug/L	91 .
09/24/93	LCS	MSMSD2309240819	100.00	104.00	ug/L	104
09/24/93	LCSD	MSMSD2309240819	100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817	100.00	104.00	ug/L	104
10/08/93	LCSD	MSMSD2310080817	100.00	107.00	ug/L	107
10/11/93	LCS	MSMSD2310110812	100.00	111.00	ug/L	111
10/11/93	LCSD	MSMSD2310110812	100.00	102.00	ug/L	102

Number of Samples : 36 Mean % Recovery : 105.0 Standard Deviation : 5.57

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria ·25-158

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
W. J							
Method : SW82/U ked Analyte : 4-Meth	- Semivolatile Organ ylphenol(p-cresol)	ics					
pe of Spike : Labora	tory Control						
06/23/93	LCS	MSMSD1306231041		100.00	61.10	ug/L	61
06/23/93	LCSD	MSMSD1306231041	•	100.00	61.00	ug/L	61
08/17/93	LCS	MSMSD1308171507		100.00	71.10	ug/L	71
08/17/93	LCSD	MSMSD1308171507		100.00	72.70	ug/L	73
08/25/93	LCS	MSMSD1308251013		100.00	70.10	ug/L	70
08/25/93	LCSD	MSMSD1308251013		100.00 -	61.10	ug/L	61
09/20/93	LCS	MSMSD1309201450		100.00	71.10	ug/L	71
09/20/93	LCSD	MSMSD1309201450	•	100.00	78. <b>0</b> 0	ug/L	78
06/14/93	LCS	MSMSD2306140820		100.00	68.20	ug/L	68
06/14/93	LCS	MSMSD2306140820		100.00	71.20	ug/L	71
06/14/93	LCSD	MSMSD2306140820		100.00	66.80	ug/L	67
06/14/93	LCSD	MSMSD2306140820		100.00	73.60	ug/L	74
06/15/93	LCS	MSMSD2306150816		100.00	67.00	ug/L	67
06/15/93	LCS	MSMSD2306150816		100.00	67.00	ug/L	67
06/15/93	LCSD	MSMSD2306150816		100.00	74.60	ug/L	75
06/15/93	LCSD	MSMSD2306150816		100.00	74.60	ug/L	75
06/16/93	LCS	MSMSD2306160814		100.00	64.50	ug/L	64
06/16/93	LCSD	MSMSD2306160814		100.00	73.60	ug/L	74
06/22/93	LCS	MSMSD2306220822		100.00	72.00	ug/L	72
06/22/93	LCSD	MSMSD2306220822		100.00	75.80	ug/L	76
06/23/93	LCS	MSMSD2306230826		100.00	63.10	ug/L	63
06/23/93	LCSD	MSMSD2306230826		100.00	68.60	ug/L	69
06/24/93	LCS	MSMSD2306240908		100.00	64.80	ug/L	65
06/24/93	LCS	MSMSD2306240908		100.00	68.20	ug/L	68
06/24/93	LCSD	MSMSD2306240908		100.00	67.80	ug/L	68
06/24/93	LCSD	MSMSD2306240908		100.00	65.70	ug/L	66
08/07/93	LCS	MSMSD2308070819		100.00	65.70	ug/L	66
08/07/93	LCSD	MSMSD2308070819		100.00	61.70	ug/L	62
09/24/93	LCS	MSMSD2309240819		100.00	77.20	ug/L	77
09/24/93	LCSD	MSMSD2309240819		100.00	76.90		77
10/08/93	LCS	MSMSD2310080817		100.00	72.70		73
10/08/93	LCSD	MSMSD2310080817		100.00	74.30		74
10/11/93	LCS	MSMSD2310110812		100.00	77.60		78
10/11/93	LCSD	MSMSD2310110812		100.00	77.70		78

Mean % Recovery

Standard Deviation

: 70.0 : 5.33

Above acceptance :

Acceptance Criteria NS

	DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
)								
	Method · SW8270	- Semivolatile Organ	ics					

Spiked Analyte : 4-Nitroaniline

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	86.60	ug/L	87
06/23/93	LCSD	MSMSD1306231041	100.00	84.00	ug/L	84
08/17/93	LCS	MSMSD1308171507	100.00	95.30	ug/L	95
08/17/93	LCSD	MSMSD1308171507	100.00	101.00	ug/L	101
08/25/93	LCS	MSMSD1308251013	100.00	100.00	ug/L	100
08/25/93	LCSD	MSMSD1308251013	100.00	90.00	ug/L	90
09/20/93	LCS	MSMSD1309201450	100.00	106.00	ug/L	106
09/20/93	LCSD	MSMSD1309201450	100.00	104.00	ug/L	104
06/14/93	LCS	MSMSD2306140820	100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820	100.00	113.00	ug/L	113
06/14/93	LCSD	MSMSD2306140820	100.00	112.00	ug/L	112
06/14/93	LCSD	MSMSD2306140820	100.00	106.00	ug/L	106
06/15/93	LCS	MSMSD2306150816	100.00	94.50	ug/L	95
06/15/93	LCS	MSMSD2306150816	100.00	94.50	ug/L	95
06/15/93	LCSD	MSMSD2306150816	100.00	101.00	ug/L	101
06/15/93	LCSD	MSMSD2306150816	100.00	101.00	ug/L	101
06/16/93	LCS	MSMSD2306160814	100.00	97.40	ug/L	97
06/16/93	LCSD	MSMSD2306160814	100.00	104.00	ug/L	104
06/22/93	LCS	MSMSD2306220822	100.00	109.00	ug/L	109
06/22/93	LCSD	MSMSD2306220822	100.00	113.00	ug/L	113
06/23/93	LCS	MSMSD2306230826	100.00	105.00	ug/L	105
06/23/93	LCSD	MSMSD2306230826	100.00	107.00	ug/L	107
06/24/93	LCS	MSMSD2306240908	100.00	102.00	ug/L	102
06/24/93	LCS	MSMSD2306240908	100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908	100.00	103.00	ug/L	103
06/24/93	LCSD	MSMSD2306240908	100.00	105.00	ug/L	105
08/07/93	LCS	MSMSD2308070819	100.00	90.30	ug/L	90
08/07/93	LCSD	MSMSD2308070819	100.00	90.80	ug/L	91
09/24/93	LCS	MSMSD2309240819	100.00	98.40	ug/L	98
09/24/93	LCSD	MSMSD2309240819	100.00	98.60	ug/L	99
10/08/93	LCS	MSMSD2310080817	100.00	98.70	ug/L	99
10/08/93	LCSD	MSMSD2310080817	100.00	104.00	ug/L	104
10/11/93	LCS	MSMSD2310110812	100.00	103.00	ug/L	103
10/11/93	LCSD	MSMSD2310110812	100.00	93.00	ug/L	93

Number of Samples Mean % Recovery

: 34 : 100.5

Below acceptance : Above acceptance :

Standard Deviation

: 7.08

Acceptance Criteria . NS

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
			*****				
Method : SW8270 piked Analyte : 4-Nitr	) - Semivolatile Or rophenol	ganics					
Type of Spike : Labora	atory Control						
06/23/93	LCS	MSMSD1306231041		100.00	47.20	ug/L	47
06/23/93	LCSD	MSMSD1306231041		100.00	43.30	ug/L	43
08/17/93	LCS	MSMSD1308171507		100.00	44.90	ug/L	45
08/17/93	LCSD	MSMSD1308171507		100.00	46.70	ug/L	47
08/25/93	LCS	MSMSD1308251013		100.00	51.30	ug/L	51
08/25/93	LCSD	MSMSD1308251013		100.00	43.20	ug/L	43
09/20/93	LCS	MSMSD1309201450		100.00	41.20	ug/L	41
09/20/93	LCSD	MSMSD1309201450		100.00	40.10	ug/L	40
09/23/93	LCS	MSMSD1309230953		100.00	31.90 *	ug/L	32
09/23/93	LCSD	MSMSD1309230953		100.00	33.60 *	ug/L	34
06/14/93	LCS	MSMSD2306140820		100.00	61.10	ug/L	61
06/14/93	LCS	MSMSD2306140820		100.00	62.70	ug/L	63
06/14/93	LCSD	MSMSD2306140820		100.00	61.60		62
06/14/93	LCSD	MSMSD2306140820		100.00	60.80		61
06/15/93	LCS	MSMSD2306150816		100.00	57.90	ug/L	58
06/15/93	LCS	MSMSD2306150816		100.00	57.90	ug/L	58
06/15/93	LCSD	MSMSD2306150816		100.00	74.10	ug/L	74
06/15/93	LCSD	MSMSD2306150816		100.00	74.10	ug/L	74
06/16/93	LCS	MSMSD2306160814		100.00	63.70	ug/L	64
06/16/93	LCSD	MSMSD2306160814		100.00	74.20		74
06/22/93	LCS ,	MSMSD2306220822		100.00	54.00	ug/L	54
06/22/93	LCSD	MSMSD2306220822		100.00	54.50	ug/L	55
06/23/93	LCS	MSMSD2306230826		100.00	53.50	ug/L	54
06/23/93	LCSD	MSMSD2306230826		100.00	55.50	ug/L	56
06/24/93	LCS	MSMSD2306240908		100.00	57.00	ug/L	57
06/24/93	LCS	MSMSD2306240908		100.00	48.90		<b>4</b> 9
06/24/93	LCSD	MSMSD2306240908		100.00	54.30	ug/L	54
06/24/93	LCSD	MSMSD2306240908	•	100.00	50.70	ug/L	51
08/07/93	LCS	MSMSD2308070819		100.00	43.30	ug/L	43
08/07/93	LCSD	MSMSD2308070819		100.00	35.60	ug/L	36
09/24/93	LCS	MSMSD2309240819		100.00	38.70	ug/L	39
09/24/93	LCSD	MSMSD2309240819		100.00	38.50	ug/L	39
10/08/93	LCS	MSMSD2310080817		100.00	31.10	ug/L	31
10/08/93	LCSD	MSMSD2310080817		100.00	30.30	ug/L	30
10/11/93	LCS	MSMSD2310110812		100.00	34.20	ug/L	34
10/11/93 	LCSD	MSMSD2310110812		100.00	33.90	ug/L	34
Number of Sa	amples :	36	Below accepta	ance :	 0		
Mean % Recov	very :	49.7	Above accepta	ance :	0		•
Standard Dev	viation :	12.45	Acceptance Co	riteria	D-132		
Type of Spike : Matrix	Spike						
09/20/93	06-MW-07-01 MS	MSMSD1309201450	ND	214.00	70 70	ua/1 ·	,, 1
09/20/93	06-MW-07-01 MS		ND		70.70 57.50	-	33
22, 20, 00	50 III 07 01 NO	- HOMODIOUSC01400	NU	196.00	57.50	ug/L :	29

Date Compiled: 30 April 1994 ND = Not Detected

NC = Not Calculable

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKEŅ	RECOVERED	UNIT	RECOVERY

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 4-Nitrophenol continued

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	101.00	ug/L	50	
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	200.00	104.00	ug/L	52	
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	119.00	ug/L	59	
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	202.00	119.00	ug/L	59	
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	59.40	ug/L	30	
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	200.00	58.60	ug/L	29	

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 42.6 Above acceptance : 0
Standard Deviation : 13.64 Acceptance Criteria D-132

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Acenaphthene

Type of Spike : Laboratory Control

06/22/02	1.00	MSMSD1306231041	100.00	82 20	ua/1	83	
06/23/93	LCS		100.00	83.20	ug/L		
06/23/93	LCSD	MSMSD1306231041	100.00	84.00	ug/L	84	
08/17/93	LCS	MSMSD1308171507	100.00	86.80	ug/L	87	
08/17/93	LCSD	MSMSD1308171507	100.00	93.60	ug/L	94	
08/25/93	LCS	MSMSD1308251013	100.00	88.10	ug/L	88	
08/25/93	LCSD	MSMSD1308251013	100.00	81.40	ug/L	81	
09/20/93	LCS	MSMSD1309201450	100.00	90.20	ug/L	90	
09/20/93	LCSD	MSMSD1309201450	100.00	92.20	ug/L	92	
09/23/93	LCS	MSMSD1309230953	100.00	79.20 *	ug/L	79	
09/23/93	LCSD	MSMSD1309230953	100.00	85.30 *	ug/L	85	
06/14/93	LCS	MSMSD2306140820	100.00	90.30	ug/L	90	
06/14/93	LCS	MSMSD2306140820	100.00	96.50	ug/L	97	
06/14/93	LCSD	MSMSD2306140820	100.00	94.30	ug/L	94	
06/14/93	LCSD	MSMSD2306140820	100.00	85.90	ug/L	86	
06/15/93	LCS	MSMSD2306150816	100.00	85.20	ug/L	85	
06/15/93	LCS	MSMSD2306150816	100.00	85.20	ug/L	85	
06/15/93	LCSD.	MSMSD2306150816	100.00	90.30	ug/L	90	
06/15/93	LCSD	MSMSD2306150816	100.00	90.30	ug/L	90	
06/16/93	LCS	MSMSD2306160814	100.00	86.10	ug/L	86	
06/16/93	LCSD	MSMSD2306160814	100.00	92.00	ug/L	92	
06/22/93	LCS	MSMSD2306220822	100.00 -	94.10	ug/L	94	
06/22/93	LCSD	MSMSD2306220822	100.00	97.10	ug/L	97	
06/23/93	LCS	MSMSD2306230826	100.00	87.00	ug/L	87	
06/23/93	LCSD	MSMSD2306230826	100.00	89.90	ug/L	90	
06/24/93	LCS	MSMSD2306240908	100.00	91.30	ug/L	91	
06/24/93	LCS	MSMSD2306240908	100.00	85.80	ug/L	86	
06/24/93	LCSD	MSMSD2306240908	100.00	89.60	ug/L	90	
06/24/93	LCSD	MSMSD2306240908	100.00	89.60	ug/L	90	
08/07/93	LCS	MSMSD2308070819	100.00	81.40	ug/L	81	
					-		

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270	- Semivolatile Org	anics					
ype of Spike : Laborat							
08/07/93	LCSD	MSMSD2308070819		100.00	91 00	(I	00
09/24/93	LCS	MSMSD2309240819		100.00 100.00	81.90	ug/L	82
09/24/93	LCSD	MSMSD2309240819			89.10	ug/L	89
10/08/93	LCS	MSMSD2310080817		100.00	90.00	ug/L	90
10/08/93	LCSD	MSMSD2310080817		100.00	88.90	ug/L	89
10/11/93	LCS			100.00	92.60	ug/L	93
10/11/93	LCSD	MSMSD2310110812 MSMSD2310110812		100.00 100.00	94.40 89.60	ug/L ug/L	94 90
Number of S	amples :	- <b>-</b> 36	Below accept	 ance :	0		
Mean % Reco		88.6	Above accept		0		
Standard De	<del>-</del>	4.45	Acceptance C		7-145		
ype of Spike : Matrix							
ype of Spike : Matrix 09/20/93		MSMSD1309201450	ND	107.00	82.70	ug/L	77
ype of Spike : Matrix 09/20/93 09/20/93	Spike 06-MW-07-01 MS 06-MW-07-01 MSI	MSMSD1309201450 MSMSD1309201450				ug/L ug/L	77 76
ype of Spike : Matrix 09/20/93 09/20/93 06/14/93	Spike 06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03	MSMSD1309201450 MSMSD1309201450 MSMSD2306140820	ND	107.00	82.70		
ype of Spike : Matrix 09/20/93 09/20/93 06/14/93 06/14/93	Spike 06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03	MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820	ND ND	107.00 98.00	82.70 74.70	ug/L	76
ype of Spike : Matrix 09/20/93 09/20/93 06/14/93 06/14/93 06/15/93	Spike  06-MW-07-01 MS  06-MW-07-01 MSI  12-MW-02-DS-03  12-MW-02-DS-03  07-MW-02-DS-03	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816	ND ND ND ND	107.00 98.00 100.00 100.00 101.00	82.70 74.70 82.20	ug/L ug/L	76 82
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93	Spike  06-MW-07-01 MS  06-MW-07-01 MSI  12-MW-02-DS-03  12-MW-02-DS-03  07-MW-02-DS-03  07-MW-02-DS-03	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2306150816	ND ND ND ND	107.00 98.00 100.00 100.00 101.00	82.70 74.70 82.20 82.50 79.70 81.70	ug/L ug/L ug/L	76 82 83
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93	Spike  06-MW-07-01 MS  06-MW-07-01 MSI  12-MW-02-DS-03  12-MW-02-DS-03  07-MW-02-DS-03  07-MW-02-DS-03  08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2306150816 MSMSD2310080817	ND ND ND ND	107.00 98.00 100.00 100.00 101.00	82.70 74.70 82.20 82.50 79.70	ug/L ug/L ug/L ug/L	76 82 83 79
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93	Spike  06-MW-07-01 MS  06-MW-07-01 MSI  12-MW-02-DS-03  12-MW-02-DS-03  07-MW-02-DS-03  07-MW-02-DS-03	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2306150816	ND ND ND ND ND	107.00 98.00 100.00 100.00 101.00	82.70 74.70 82.20 82.50 79.70 81.70	ug/L ug/L ug/L ug/L ug/L	76 82 83 79
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93  10/08/93	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND	107.00 98.00 100.00 100.00 101.00 100.00 100.00	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81
99e of Spike : Matrix 09/20/93 09/20/93 06/14/93 06/14/93 06/15/93 10/08/93 10/08/93 Number of Sa Mean % Recov	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND ND AD	107.00 98.00 100.00 100.00 101.00 101.00 100.00 100.00	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93  10/08/93	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND	107.00 98.00 100.00 100.00 101.00 101.00 100.00 100.00	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93  Number of Same Mean % Recomposite Recomposi	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MMSMSD2306140820 MMSMSD2306150816 MMSMSD2310080817 MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND ND AD	107.00 98.00 100.00 100.00 101.00 101.00 100.00 100.00	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93  10/08/93  Number of Same Mean % Recomposite	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MMSMSD2306140820 MMSMSD2306150816 MMSMSD2310080817 MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND ND AD	107.00 98.00 100.00 100.00 101.00 101.00 100.00 100.00	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/15/93  06/15/93  10/08/93  Number of Same Mean % Recomposite Recomposi	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MMSMSD2306140820 MMSMSD2306150816 MMSMSD2310080817 MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND ND AD	107.00 98.00 100.00 100.00 101.00 101.00 100.00 100.00	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81
99e of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93  10/08/93  Number of Sa  Mean % Recov  Standard Dev  Method : SW8270  iked Analyte : Acenaph	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2310080817 MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND ND AD	107.00 98.00 100.00 100.00 101.00 100.00 100.00 	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81 86 82
99e of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93  10/08/93  Number of Sa Mean % Recover Standard Device Standard Device Standard Device Spike : Laborate 06/23/93	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 M MSMSD1309201450 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2310080817 MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND ND AD	107.00 98.00 100.00 100.00 101.00 100.00 100.00 	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20 0 0 7-145	ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81 86 82
ype of Spike : Matrix  09/20/93  09/20/93  06/14/93  06/14/93  06/15/93  10/08/93  10/08/93  Number of Sa  Mean % Recov  Standard Dev  Method : SW8270  iked Analyte : Acenaph	Spike  06-MW-07-01 MS 06-MW-07-01 MSI 12-MW-02-DS-03 12-MW-02-DS-03 07-MW-02-DS-03 08-SW-01-DS-01 08-SW-01-DS-01	MSMSD1309201450 MSMSD1309201450 M MSMSD2306140820 M MSMSD2306140820 M MSMSD2306150816 M MSMSD2310080817 MSMSD2310080817 MSMSD2310080817	ND ND ND ND ND ND ND ND ND AD	107.00 98.00 100.00 100.00 101.00 100.00 100.00 	82.70 74.70 82.20 82.50 79.70 81.70 86.20 82.20	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	76 82 83 79 81 86 82

06/23/93	LCS	MSMSD1306231041	100.00	91.30	ug/L	91
06/23/93	LCSD	MSMSD1306231041	100.00	90.40	ug/L	90
08/17/93	LCS	MSMSD1308171507	100.00	93.90	ug/L	94
08/17/93	LCSD	MSMSD1308171507	100.00	98.50	ug/L	98
08/25/93	LCS	MSMSD1308251013	100.00	91.80	ug/L	92
08/25/93	LCSD	MSMSD1308251013	100.00	84.10	ug/L	84
09/20/93	LCS	MSMSD1309201450	100.00	98.70	ug/L	99
09/20/93	LCSD	MSMSD1309201450	100.00	100.00	ug/L	100
09/23/93	LCS	MSMSD1309230953	100.00	85.80 *	ug/L	86
09/23/93	LCSD	MSMSD1309230953	100.00	88.80 *	ug/L	89
06/14/93	LCS	MSMSD2306140820	100.00	100.00	ug/L	100
06/14/93	LCS	MSMSD2306140820	100.00	106.00	ug/L	106

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 Spiked Analyte : Acenapl	- Semivolatile O nthylene continue							
Type of Spike : Laborato	ory Control							
06/14/93	LCSD		MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD		MSMSD2306140820		100.00	94.40	ug/L	94
06/15/93	LCS		MSMSD2306150816		100.00	92.90	ug/L	93
06/15/93	LCS		MSMSD2306150816		100.00	92.90	ug/L	93
06/15/93	LCSD		MSMSD2306150816		100.00	99.30	ug/L	99
06/15/93	LCSD		MSMSD2306150816		100.00	99.30	ug/L	99
06/16/93	LCS		MSMSD2306160814		100.00	92.20	ug/L	92
06/16/93	LCSD		MSMSD2306160814		100.00	99.40	ug/L	99
06/22/93	LCS		MSMSD2306220822		100.00	105.00	ug/L	105
06/22/93	LCSD		MSMSD2306220822		100.00	106.00	ug/L	106
06/23/93	LCS		MSMSD2306230826		100.00	95.80	ug/L	96
06/23/93	LCSD		MSMSD2306230826		100.00	. 99.70	ug/L	100
06/24/93	LCS		MSMSD2306240908		100.00	93.00	ug/L	93
06/24/93	LCS		MSMSD2306240908		100.00	99.30	ug/L	99
06/24/93	LCSD		MSMSD2306240908		100.00	97.20	ug/L	97
06/24/93	LCSD		MSMSD2306240908		100.00	98.00	ug/L	98
08/07/93	LCS		MSMSD2308070819		100.00	88.70	ug/L	89
08/07/93	LCSD		MSMSD2308070819		100.00	89.40	ug/L	89
09/24/93	LCS		MSMSD2309240819		100.00	100.00	ug/L	100
09/24/93	LCSD		MSMSD2309240819		100.00	100.00	ug/L	100
10/08/93	LCS		MSMSD2310080817		100.00	100.00	ug/L	100
10/08/93	LCSD		MSMSD2310080817		100.00	103.00	ug/L	103
10/11/93	LCS		MSMSD2310110812		100.00	106.00	ug/L	106
10/11/93	LCSD		MSMSD2310110812		100.00	101.00	ug/L	101
Number of Sa		: 36		Below acceptar		0		
Mean % Recov	-	: 96.8		Above acceptar		0		
	viation	: 5.74		Acceptance Cr	itamia 2	3-145		
Standard Dev				Acceptance of	iteria 3			
				Acceptance of	iteria 3			
Method : SW8270 Spiked Analyte : Anthrad	cene		MSMSD1306231041	Acceptance of	100.00	86.00	ug/L	86
Method : SW8270 Spiked Analyte : Anthrac Type of Spike : Laborat	cene tory Control	rganics	MSMSD1306231041 MSMSD1306231041	Acceptance of			ug/L ug/L	86 85
Method : SW8270 Spiked Analyte : Anthrac Type of Spike : Laborat 06/23/93	cene tory Control LCS	rganics		Acceptance of	100.00 ·	86.00	_	
Method : SW8270 piked Analyte : Anthrac Type of Spike : Laborat 06/23/93 06/23/93	tory Control  LCS LCSD	rganics	MSMSD1306231041	Acceptance of	100.00 · 100.00	86.00 85.40	ug/L	85
Method : SW8270 piked Analyte : Anthrac Type of Spike : Laborat 06/23/93 06/23/93 08/17/93	tory Control  LCS LCSD LCS	rganics	MSMSD1306231041 MSMSD1308171507	Acceptance of	100.00 · 100.00 100.00	86.00 85.40 94.00	ug/L ug/L	85 94
Method : SW8270 piked Analyte : Anthrac Type of Spike : Laborat 06/23/93 06/23/93 08/17/93 08/17/93	tory Control  LCS  LCSD  LCS  LCSD	rganics	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507	Acceptance of	100.00 · 100.00 100.00	86.00 85.40 94.00 98.00	ug/L ug/L ug/L	85 94 98
Method : SW8270  piked Analyte : Anthrac  Type of Spike : Laborat  06/23/93 06/23/93 08/17/93 08/17/93 08/25/93	tory Control  LCS LCSD LCS LCSD LCSD LCSC	rganics	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013	Acceptance of	100.00 · 100.00 · 100.00 · 100.00 · 100.00	86.00 85.40 94.00 98.00 92.70	ug/L ug/L ug/L ug/L	85 94 98 93
Method : SW8270 piked Analyte : Anthrac Type of Spike : Laborat 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93	tory Control  LCS LCSD LCS LCSD LCSLCSD LCS	rganics	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013	Acceptance Ci	100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00	86.00 85.40 94.00 98.00 92.70 90.80	ug/L ug/L ug/L ug/L ug/L	85 94 98 93 91
Method : SW8270 piked Analyte : Anthrac Type of Spike : Laborat 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93	tory Control  LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS	rganics	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450	Acceptance of	100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00	86.00 85.40 94.00 98.00 92.70 90.80 101.00	ug/L ug/L ug/L ug/L ug/L ug/L	85 94 98 93 91 101
Method : SW8270 Spiked Analyte : Anthrac Type of Spike : Laborat 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93	LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCSD	rganics	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450	Acceptance of	100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00 · 100.00	86.00 85.40 94.00 98.00 92.70 90.80 101.00 106.00	ug/L ug/L ug/L ug/L ug/L ug/L	85 94 98 93 91 101 106

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 ked Analyte : Anthra	- Semivolatile Organ	nics					
e of Spike : Laborate				·			
06/14/93	LCS	MSMSD2306140820		100.00	108.00	ug/L	108
06/14/93	LCSD	MSMSD2306140820		100.00	107.00	ug/L	107
06/14/93	LCSD	MSMSD2306140820		100.00	97.10	ug/L	97
06/15/93	LCS	MSMSD2306150816		100.00	95.60	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	95.60	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/15/93	LCSD	MSMSD2306150816		100.00	102.00	ug/L	102
06/16/93	LCS	MSMSD2306160814		100.00	96.20	ug/L	96
06/16/93	LCSD	MSMSD2306160814		100.00	102.00	ug/L	102
06/22/93	LCS	MSMSD2306220822		100.00	107.00	ug/L	107
06/22/93	LCSD	MSMSD2306220822		100.00	111.00	ug/L	111
06/23/93	LCS	MSMSD2306230826		100.00	100.00	ug/L	100
06/23/93	LCSD	MSMSD2306230826		100.00	103.00	ug/L	103
06/24/93	LCS	MSMSD2306240908		100.00	98.90	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
08/07/93	LCS	MSMSD2308070819		100.00	91.50	ug/L	92
08/07/93	LCSD	MSMSD2308070819		100.00	89.00	ug/L	89
09/24/93	LCS	MSMSD2309240819		100.00	105.00	ug/L	105
09/24/93	LCSD	MSMSD2309240819		100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817		100.00	105.00	ug/L	105
10/08/93	LCSD	MSMSD2310080817		100.00	105.00	ug/L	105
10/11/93	LCS	MSMSD2310110812		100.00	109.00	ug/L	109
10/11/93	LCSD	MSMSD2310110812		100.00	104.00	ug/L	104

Number of Samples : 36
Mean % Recovery : 99.6
Standard Deviation : 6.47

Below acceptance :
Above acceptance :

Above acceptance : 0
Acceptance Criteria 27-133

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Benzo(a)anthracene

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	90.90	ug/L	91
06/23/93	LCSD	MSMSD1306231041	100.00	92.20	ug/L	92
08/17/93	LCS	MSMSD1308171507	100.00	92.00	ug/L	92
08/17/93	LCSD	MSMSD1308171507	100.00	97.20	ug/L	97
08/25/93	LCS	MSMSD1308251013	100.00	90.00	ug/L	90
08/25/93	LCSD	MSMSD1308251013	100.00 .	80.60	ug/L	81
09/20/93	LCS	MSMSD1309201450	100.00	101.00	ug/L	101
09/20/93	LCSD	MSMSD1309201450	100.00	106.00	ug/L	106
09/23/93	LCS	MSMSD1309230953	100.00	91.40 *	ug/L	91
09/23/93	LCSD	MSMSD1309230953	100.00	101.00 *	ug/L	101

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

TABLE 6-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES. BALENA 1993 EVENT

PLE ID  platile Organisment continue  Tol		20 100.00 20 100.00 20 100.00	96.50 103.00 102.60 91.70	RESULT UNIY いま/L ロカ/L ロカ/L	96 103 102
pene continue	MSMSD29061408; MSMSD23061408; MSMSD23061408; MSMSD23061408; MSMSD23061508;	20 100,00 20 100.00 20 100.00	103.00 102.00 91.70	113/F	103 102
pene continue	MSMSD29061408; MSMSD23061408; MSMSD23061408; MSMSD23061408; MSMSD23061508;	20 100,00 20 100.00 20 100.00	103.00 102.00 91.70	113/F	103 102
10°C	MSMSD29061408; MSMSD23061408; MSMSD23061408; MSMSD23061408; MSMSD23061508;	20 100,00 20 100.00 20 100.00	103.00 102.00 91.70	113/F	103 102
	MSMSD230614087 MSMSD230614087 MSMSD230614087 MSMSD230615083	20 100,00 20 100.00 20 100.00	103.00 102.00 91.70	113/F	103 102
	MSMSD230614087 MSMSD230614087 MSMSD230614087 MSMSD230615083	20 100,00 20 100.00 20 100.00	103.00 102.00 91.70	113/F	103 102
	MSMSD230614087 M5MSD230614087 MSMSD230615083	20 100.00 20 100.00	103.00 102.00 91.70	113/F	103 102
	MSNSD230614082 MSNSD230615083	100.90	102.00 91.70	wg/L	102
	MSMSD230615083		91.70		
		18 100.00			92
	M3N3DZ90615081		88.00	wg/L	88
		16 100.00	88.00	12 <b>9/</b> 1	RR
)	MSNSD23061508)	100.00		ug/L	<b>8</b> 5
	MSMSD230615081	100.00	84,90	ug/L	95
	MSHSD23Q618083	14 100.00	89.60	ug/L	90
)	MSMSD230616082	100.00		ug/L	97
	MSNSD230622082	22 100.00	102.00	-	102
)	MSNSD230622082	22 100 00	106.00		106
	MSNSD290B230B2	26 100.00	94.20		94
	MSNSD2308730A2	PR 100.00	97.10	ug/L	97
	HSNSD230824080	08 100.00	98.90		96
	RD45ROESGENZM	18 100.00	93.40		03
	MSHSD230624090	28 100.00	97.60	•	98
• .	M5H5D230824090	100.60			97
	MSMSD29080708	19 100.00			88
)	MSMSD22080708		86.40	•	80
	MSMSD230924081	100.00			99
)	HSH6D230024021	19 109.00			101
	NSMSD231008081	17 100.00			100
)	MEMSD281008061				101
	MSMSD23101108			-	104
) .			100.00	ug/L	100
:	<b>J</b> G	\$61m Societanos :	0		*****
;	95.8				
:	5.94	•			
		MSMSD230622082  MSMSD230622082  MSMSD230622082  MSMSD230623082  MSMSD230624080  MSMSD230624090  MSMSD230624090  MSMSD230624090  MSMSD230624090  MSMSD230824080  MSMSD230824081  MSMSD230924081  MSMSD231008081  MSMSD231011081  MSMSD231011081	MSNSD2306220822 100.00  MSMSD2306220822 100.00  MSMSD2306220822 100.00  MSMSD2306230826 100.00  MSMSD2306240808 100.00  MSMSD2306240808 100.00  MSMSD2306240908 100.00  MSMSD2308240908 100.00  MSMSD2308240908 100.00  MSMSD2308240908 100.00  MSMSD2308240908 100.00  MSMSD2308240919 100.00  MSMSD2308240819 100.00  MSMSD231080817 100.00  MSMSD231080817 100.00  MSMSD231010812 100.00  MSMSD2310110812 100.00  MSMSD2310110812 100.00  MSMSD2310110812 100.00  MSMSD2310110812 100.00  MSMSD2310110812 100.00  MSMSD2310110812 100.00	MSMSD2306220822 100.00 102.00  MSMSD2306220822 100.00 102.00  MSMSD2308230826 100.00 94.20  MSMSD2308230826 100.00 97.10  MSMSD2308240808 100.00 98.30  MSMSD2308240808 100.00 97.60  MSMSD2308240908 100.00 97.60  MSMSD2308240908 100.00 97.20  MSMSD2308240908 100.00 97.20  MSMSD2308240908 100.00 97.20  MSMSD2308240908 100.00 97.20  MSMSD2308240909 100.00 88.40  MSMSD2308240819 100.00 88.40  MSMSD2308240819 100.00 99.50  MSMSD2310080817 100.00 99.90  MSMSD2310080817 100.00 98.90  MSMSD231010812 100.00 101.00  MSMSD2310110812 100.00 104.00  MSMSD2310110812 100.00 100.00  SSSB Above acceptance : 0  Appendix Appendix Appendix SSS 143	MSNSD2306220822 100.00 102.00 mg/L  MSNSD2306220822 100.00 102.00 mg/L  MSNSD2306230826 100.00 94.20 mg/L  MSNSD2306230826 100.00 97.10 mg/L  MSNSD2306240808 100.00 98.30 mg/L  MSNSD2306240808 100.00 97.60 mg/L  MSNSD2306240908 100.00 97.60 mg/L  MSNSD2306240908 100.00 97.60 mg/L  MSNSD2306240908 100.00 97.60 mg/L  MSNSD2308240908 100.00 97.80 mg/L  MSNSD2308070819 100.00 88.00 mg/L  MSNSD2308070819 100.00 99.50 mg/L  MSNSD2308240819 100.00 99.50 mg/L  MSNSD2309240819 100.00 101.00 mg/L  MSNSD2310080817 100.00 98.90 mg/L  MSNSD2310080817 100.00 101.00 mg/L  MSNSD231010812 100.00 104.00 mg/L  MSNSD231010812 100.00 104.00 mg/L  MSNSD231010812 100.00 104.00 mg/L  SSSSD231010812 100.00 104.00 mg/L  MSNSD231010812 100.00 104.00 mg/L  MSNSD231010812 100.00 104.00 mg/L  SSSSD231010812 100.00 100.00 mg/L  MSNSD231010812 100.00 100.00 mg/L

09/20/93

09/23/93

MSMS01309201480

MSMS01209280958

94.00

84.10 *

100.00

100.00

LCSD

LCS

94

ug/L

ug/L

	DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Spiked		) - Semivolatile Orgar a)pyrene continued	ics					
Туре с	of Spike : Laborat	ory Control						
	09/23/93	LCSD	MSMSD1309230953		100.00	85.10 *	ug/L	85
	06/14/93	LCS	MSMSD2306140820		100.00	88.60	ug/L	89
	06/14/93	LCS	MSMSD2306140820		100.00	93.50	ug/L	94
	06/14/93	LCSD	MSMSD2306140820		100.00	92.60	ug/L	93
•	06/14/93	LCSD	MSMSD2306140820		100.00	84.10	ug/L	84
	06/15/93	LCS	MSMSD2306150816		100.00	83.40	ug/L	83
	06/15/93	LCS	MSMSD2306150816		100.00	83.40	ug/L	83
	06/15/93	LCSD	MSMSD2306150816		100.00	88.60	ug/L	89
	06/15/93	LCSD	MSMSD2306150816		100.00	88.60	ug/L	89
	06/16/93	LCS	MSMSD2306160814		100.00	81.90	ug/L	82
	06/16/93	LCSD	MSMSD2306160814		100.00	89.20	ug/L	89
	06/22/93	LCS	MSMSD2306220822		100.00	91.90	ug/L	92
	06/22/93	LCSD	MSMSD2306220822		100.00	96.10	ug/L	96
	06/23/93	LCS	MSMSD2306230826		100.00	87.70	ug/L	88
	06/23/93	LCSD	MSMSD2306230826		100.00	89.30	ug/L	89
	06/24/93	LCS	MSMSD2306240908		100.00	88.90	ug/L	89
	06/24/93	LCS	MSMSD2306240908		100.00	89.90	ug/L	90
	06/24/93	LCSD	MSMSD2306240908		100.00	89.40	ug/L	89
	06/24/93	LCSD	MSMSD2306240908		100.00	90.10	ug/L	90
	08/07/93	LCS	MSMSD2308070819		100.00	81.50	ug/L	81
	08/07/93	LCSD	MSMSD2308070819		100.00	79.70	ug/L	80
	09/24/93	LCS	MSMSD2309240819		100.00	91.00	ug/L	91
	09/24/93	LCSD	MSMSD2309240819		100.00	90.60	ug/L	91
	10/08/93	LCS	MSMSD2310080817		100.00	93.50	ug/L	93
	10/08/93	LCSD	MSMSD2310080817		100.00	93.50	ug/L	94
	10/11/93	LCS	MSMSD2310110812		100.00	97.20	ug/L	97
	10/11/93	LCSD	MSMSD2310110812		100.00	90.80	ug/L	91
	Number of S	amples : :		 Below accepta	nce ·	 )		
	Mean % Reco	•		Above accepta				

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Benzo(b)fluoranthene

Standard Deviation

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	88.40	ug/L	88
06/23/93	LCSD	MSMSD1306231041	100.00	90.10	ug/L	90
08/17/93	LCS	MSMSD1308171507	100.00	77.10	ug/L	77
08/17/93	LCSD	MSMSD1308171507	100.00	88.20	ug/L	88
08/25/93	LCS	MSMSD1308251013	100.00	76.60	ug/L	77
08/25/93	LCSD	MSMSD1308251013	100.00	74.70	ug/L	75
09/20/93	LCS	MSMSD1309201450	100.00	87.90	ug/L	88
09/20/93	LCSD	MSMSD1309201450	100.00	85.50	ug/L	86

Date Compiled: 30 April 1994

ND = Not Detected

: 4.83

NC = Not Calculable

NS = Not Specified

Acceptance Criteria 17-163

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. AMOUN RESULT SPIKE		RESULT UNIT	% RECOVE
						*****	
Method : SW8270 piked Analyte : Benzo(	- Semivolatile ( b)fluoranthene co	-					
ype of Spike : Laborat	ory Control						
09/23/93	LCS		MSMSD1309230953	100.00	85.80 *	ug/L	86
09/23/93	LCSD		MSMSD1309230953	100.00	89.50 *	ug/L	90
06/14/93	LCS		MSMSD2306140820	100.00	91.60	ug/L	92
06/14/93	LCS		MSMSD2306140820	100.00	102.00	ug/L	102
06/14/93	LCSD		MSMSD2306140820	100.00	98.50	ug/L	99
06/14/93	LCSD		MSMSD2306140820	100.00	91.70	ug/L	92
06/15/93	LCS		MSMSD2306150816	100.00	84.50	ug/L	84
06/15/93	LCS		MSMSD2306150816	100.00	84.50	ug/L	84
06/15/93	LCSD		MSMSD2306150816	100.00	95.70	ug/L	96
06/15/93	LCSD		MSMSD2306150816	100.00	95.70	ug/L	96
06/16/93	LCS		MSMSD2306160814	100.00	89.60	ug/L	90
06/16/93	LCSD		MSMSD2306160814	100.00	95.20	ug/L	95
06/22/93	LCS		MSMSD2306220822	100.00	· 95.70	ug/L	96
06/22/93	LCSD		MSMSD2306220822	100.00	97.60	ug/L	98
06/23/93	LCS		MSMSD2306230826	100.00	90.20	ug/L	90
06/23/93	LCSD		MSMSD2306230826	100.00	93.00	ug/L	93
06/24/93	LCS		MSMSD2306240908	100.00	96.30	ug/L	96
06/24/93	LCS		MSMSD2306240908	100.00	91.30	ug/L	91
06/24/93	LCSD		MSMSD2306240908	100.00	94.10	ug/L	94
06/24/93	LCSD		MSMSD2306240908	100.00	93.20	ug/L	93
08/07/93	LCS		MSMSD2308070819	100.00	79.20	ug/L	79
08/07/93	LCSD		MSMSD2308070819	100.00	80.10	ug/L	80
09/24/93	LCS		MSMSD2309240819	100.00	85.90	ug/L	86
09/24/93	LCSD		MSMSD2309240819	100.00	91.60	ug/L	92
10/08/93	LCS		MSMSD2310080817	100.00	89.90	ug/L	90
10/08/93	LCSD		MSMSD2310080817	100.00	87.30	ug/L	87
10/11/93	LCS		MSMSD2310110812	100.00	96.70	ug/L	97
10/11/93	LCSD		MSMSD2310110812	100.00	85.10	ug/L	85
Number of S	 amnles	: 36		Below acceptance :	0		
Mean % Reco	•	: 89.5		Above acceptance :	0		
	-			•			
Standard De	viation - Semivolatile C	: 6.54		Acceptance Criteria	24-159		
Type of Spike : Labora	tory Control						
06/23/93	LCS		MSMSD1306231041	100.00	92.50	ug/L	93
	LCSD		MSMSD1306231041	100.00	94.50	ug/L	94
06/23/93			MSMSD1308171507	100.00	88.60	ug/L	89
06/23/93 08/17/93	LCS		M2M2DT2001/120/				
08/17/93	LCS LCSD			100.00			91
08/17/93 08/17/93	LCSD		MSMSD1308171507	100.00	90.70	ug/L	91 81
08/17/93							91 81 78

AMPLE ID  ivolatile Organics perylene continued  atrol  CSD  CS  CSS  CSD  CS  CSS  CSD  CSS  CSD  CSS  CSD  CSS  CSD  CSS  CSD  CSS  CSC  CS	MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816 MSMSD2306150816	RESULT SPIKE 100.00 100.00 100.00 100.00 100.00 100.00 100.00		ug/L ug/L ug/L ug/L ug/L	100 83 87 102
perylene continued  ntrol  CSD  CS  CS  CS  CS  CS  CS  CS  CS  C	MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00 100.00 100.00 100.00 100.00	83.40 * 87.00 * 102.00 114.00	ug/L ug/L ug/L ug/L	83 87 102
perylene continued  ntrol  CSD  CS  CS  CS  CS  CS  CS  CS  CS  C	MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00 100.00 100.00 100.00 100.00	83.40 * 87.00 * 102.00 114.00	ug/L ug/L ug/L ug/L	83 87 102
CSD CS CSD CS CSD CSD CSD CSS	MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00 100.00 100.00 100.00 100.00	83.40 * 87.00 * 102.00 114.00	ug/L ug/L ug/L ug/L	83 87 102
CS CSD CS CS CSD CSD CSS CSS	MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00 100.00 100.00 100.00 100.00	83.40 * 87.00 * 102.00 114.00	ug/L ug/L ug/L ug/L	83 87 102
esd es es esd esd ess ess	MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00 100.00 100.00 100.00	87.00 * 102.00 114.00	ug/L ug/L ug/L	87 102
es es esd es es es	MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00 100.00 100.00	102.00 114.00	ug/L ug/L	102
CS CSD CSD CS CS CS	MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00 100.00	114.00	ug/L	
CSD CSD CS CS CSD	MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	100.00			114
CSD CS CSD	MSMSD2306140820 MSMSD2306150816		113.00		
CS CS CSD	MSMSD2306150816	100.00		ug/L	113
CS CSD			102.00	ug/L	102
CSD	MSMSD2306150816	100.00	102.00	ug/L	102
		100.00	102.00	ug/L	102
\0.D	MSMSD2306150816	100.00	114.00	ug/L	114
CSD _.	MSMSD2306150816	100.00	114.00	ug/L	114
S	MSMSD2306160814	100.00	103.00	ug/L	103
SD	MSMSD2306160814	100.00	109.00	ug/L	109
:S	MSMSD2306220822	100.00	121.00	ug/L	121
SD	MSMSD2306220822	100.00	126.00	ug/L	126
S	MSMSD2306230826	100.00	109.00	ug/L	109
SD	MSMSD2306230826	100.00	112.00	ug/L	112
	MSMSD2306240908	100.00	118.00	ug/L	118
S	MSMSD2306240908	100.00	114.00	ug/L	114
SD	MSMSD2306240908	100.00	115.00	ug/L	115
	MSMSD2306240908	100.00	119.00	ug/L	119
	MSMSD2308070819	100.00	80.50	ug/L	80
	MSMSD2308070819	100.00	79.70	ug/L	80
	MSMSD2309240819	100.00	100.00	ug/L	100
		100.00	104.00	ug/L	104
	MSMSD2310080817	100.00	96.40	ug/L	96
	MSMSD2310080817	100.00	97.60	ug/L	98
	MSMSD2310110812	100.00	91.40	ug/L	91
SD 	MSMSD2310110812	100.00	98.80	ug/L	99
: 36		Below acceptance :	0		
		·	0		
: 12.9	0	Acceptance Criteria	D-219		
	: 101.3	CSD         MSMSD2306160814           CS         MSMSD2306220822           CSD         MSMSD2306220822           CSD         MSMSD2306230826           CSD         MSMSD2306230826           CS         MSMSD2306240908           CSD         MSMSD2306240908           CSD         MSMSD2306240908           CSD         MSMSD2306240908           CSD         MSMSD2308070819           CSD         MSMSD2308070819           CSD         MSMSD2309240819           CSD         MSMSD2310080817           CSD         MSMSD2310080817           CSD         MSMSD2310110812           CSD         MSMSD2310110812           CSD         MSMSD2310110812	CSD       MSMSD2306160814       100.00         CSS       MSMSD2306220822       100.00         CSD       MSMSD2306220822       100.00         CSD       MSMSD2306230826       100.00         CSD       MSMSD2306230826       100.00         CS       MSMSD2306240908       100.00         CSD       MSMSD2308070819       100.00         CSD       MSMSD2308070819       100.00         CSD       MSMSD2309240819       100.00         CSD       MSMSD2310080817       100.00         CSD       MSMSD23101080817       100.00         CSD       MSMSD2310110812       100.00         CSD       MSMSD2310110812       100.00         CSD       MSMSD2310110812       100.00	MSMSD2306160814 100.00 109.00  MSMSD2306220822 100.00 121.00  MSMSD2306220822 100.00 126.00  MSMSD2306220822 100.00 109.00  MSMSD2306230826 100.00 109.00  MSMSD2306230826 100.00 112.00  MSMSD2306240908 100.00 118.00  MSMSD2306240908 100.00 114.00  MSMSD2306240908 100.00 115.00  MSMSD2306240908 100.00 115.00  MSMSD2306240908 100.00 119.00  MSMSD2306240908 100.00 119.00  MSMSD2306240908 100.00 119.00  MSMSD2306240908 100.00 109.00  MSMSD2306240908 100.00 99.70  MSMSD2309240819 100.00 96.40  MSMSD2310080817 100.00 97.60  MSMSD231010812 100.00 97.60  MSMSD2310110812 100.00 98.80   E 36	MSMSD2306160814   100.00   109.00   ug/L

Date Compiled: 30 April 1994

08/25/93

ND = Not Detected

LCSD

NC = Not Calculable

MSMSD1308251013

NS = Not Specified

80.60

ug/L

100.00

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 piked Analyte : Benzo(	) - Semivolatile Orgar k)fluoranthene contir				À		
ype of Spike : Laborat	cory Control						
09/20/93	LCS	MSMSD1309201450		100.00	97.90	ug/L	98
09/20/93	LCSD	MSMSD1309201450		100.00	113.00	ug/L	113
09/23/93	LCS	MSMSD1309230953		100.00	79.10 *	ug/L/	79
09/23/93	LCSD	MSMSD1309230953		100.00	73.60 *	ug/L	74
06/14/93	LCS	MSMSD2306140820		100.00	101.00	ug/L	101
06/14/93	LCS	MSMSD2306140820		100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820		100.00	104.00	ug/L	104
06/14/93	LCSD	MSMSD2306140820		100.00	95.10	ug/L	95
06/15/93	LCS	MSMSD2306150816		100.00	96.00	ug/L	96
06/15/93	LCS	MSMSD2306150816		100.00	96.00	ug/L	96
06/15/93	LCSD	MSMSD2306150816		100.00	97.70	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00 '	97.70	ug/L	98
06/16/93	LCS	MSMSD2306160814		100.00	89.70	ug/L	90
06/16/93	LCSD	MSMSD2306160814		100.00	102.00	ug/L	102
06/22/93	LCS	MSMSD2306220822		100.00	105.00	ug/L	105
06/22/93	LCSD	MSMSD2306220822		100.00	111.00	ug/L	111
06/23/93	LCS	MSMSD2306230826		100.00	100.00	ug/L	100
06/23/93	LCSD	MSMSD2306230826		100.00	103.00	ug/L	103
06/24/93	LCS	MSMSD2306240908		100.00	98.70	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	99.80	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	102.00	ug/L	102
06/24/93	LCSD	MSMSD2306240908		100.00	101.00	ug/L	101
08/07/93	LCS	MSMSD2308070819		100.00	92.90	ug/L	93
08/07/93	LCSD	MSMSD2308070819		100.00	88.00	ug/L	88
09/24/93	LCS	MSMSD2309240819		100.00	103.00	ug/L	103
09/24/93	LCSD	MSMSD2309240819		100.00	100.00	ug/L	100
10/08/93	LCS	MSMSD2310080817		100.00	108.00	ug/L	108
10/08/93	LCSD	MSMSD2310080817		100.00	111.00	ug/L	111
10/11/93	LCS	MSMSD2310110812		100.00	106.00	ug/L	106
10/11/93	LCSD	MSMSD2310110812		100.00	102.00	ug/L	102

Number of Samples : 36
Mean % Recovery : 98.3
Standard Deviation : 8.78

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria .11-162

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Mothod SU8270	) - Semivolatile (	Inganias					
oiked Analyte : Benzoi		n games					
Type of Spike : Labora	atory Control						
06/23/93	LCS	MSMSD1306231	041	100.00	29.00	ug/L	29
06/23/93	LCSD	MSMSD1306231	041	100.00 .	28.00	ug/L	28
08/17/93	LCS	MSMSD1308171	507	100.00	35.20	ug/L	35
08/17/93	LCSD	MSMSD1308171	507	100.00	39.70	ug/L	40
08/25/93	LCS	MSMSD1308251	013	100.00	26.00	ug/L	26
08/25/93	LCSD	MSMSD1308251	013	100.00	20.10	ug/L	20
09/20/93	LCS	MSMSD1309201		100.00	35.20	ug/L	35
09/20/93	LCSD	MSMSD1309201		100.00	21.70	ug/L	22
06/14/93	LCS	MSMSD23061408	820	100.00	12.80	ug/L	13
06/14/93	LCS	MSMSD23061408	820	100.00	14.00	ug/L	14
06/14/93	LCSD	MSMSD23061408	820	100.00	8.38	ug/L	8
06/14/93	LCSD	MSMSD23061408	820	100.00	19.30	ug/L	19
06/15/93	LCS	MSMSD23061508	816	100.00	12.00	ug/L	12
06/15/93	LCS	MSMSD23061508	316	100.00	12.00	ug/L	12
06/15/93	LCSD	MSMSD23061508	316	100.00	25.90	ug/L	26
06/15/93	LCSD	MSMSD23061508	316	100.00	25.90	ug/L	26
06/16/93	LCS	MSMSD23061608	314	100.00	16.10	ug/L	16
06/16/93	LCSD	MSMSD23061608	314	100.00	37.00	ug/L	37
06/22/93	LCS	MSMSD23062208	322	100.00	33.60	ug/L	34
06/22/93	LCSD	MSMSD23062208	322	100.00	28.10	ug/L	28
06/23/93	LCS	MSMSD23062308	326	100.00	27.10	ug/L	27
06/23/93	LCSD	MSMSD23062308	326	100.00	36.10	ug/L	36
06/24/93	LCS	MSMSD23062409	908	100.00	16.30	ug/L	16
06/24/93	LCS	MSMSD23062409	908	100.00	10.40	ug/L	10
06/24/93	LCSD	MSMSD23062409	908	100.00	7.58	ug/L	8
06/24/93	LCSD	MSMSD23062409	908	100.00	26.90	ug/L	27
08/07/93	LCS	MSMSD23080708	319	100.00		ug/L	15
08/07/93	LCSD	MSMSD23080708	319	100.00		ug/L	9
09/24/93	LCS	. MSMSD23092408	319	100.00	17.30	ug/L	17
09/24/93	LCSD	MSMSD23092408	319	100.00	18.50	ug/L	18
10/08/93	LCS	MSMSD23100808	317	100.00	24.00	ug/L	24
10/08/93	LCSD	MSMSD23100808	317	100.00	22.50	ug/L	22
10/11/93	LCS	MSMSD23101108	312	100.00	15.80	ug/L	16
10/11/93	LCSD	MSMSD23101108	312	100.00	20.20	ug/L	20
Number of S	amples	: 34	Below accepta	 nce :	0		
Mean % Reco		: 21.9	Above accepta	nce :	0		
Standard De	viation	: 9.07	Acceptance Cr	iteria	NS		

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNŢ SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
 Method : SW8270	- Semivolatile Organ	ics					
oiked Analyte : Benzyl					•		
Type of Spike : Labora	tory Control						
06/23/93	LCS	MSMSD1306231041		100.00	73.60	ug/L	74
06/23/93	LCSD	MSMSD1306231041		100.00	73.90	ug/L	74
08/17/93	LCS	MSMSD1308171507		100.00	87.00	ug/L	87
08/17/93	LCSD	MSMSD1308171507		100.00	93.00	ug/L	93
08/25/93	LCS	MSMSD1308251013		100.00	83.20	ug/L	83
08/25/93	LCSD	MSMSD1308251013		100.00	75.10	ug/L	75
09/20/93	LCS	MSMSD1309201450		100.00	83.60	ug/L	84
09/20/93	LCSD	MSMSD1309201450		100.00	89.90	ug/L	90
06/14/93	LCS	MSMSD2306140820		100.00	82.40	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	91.80	ug/L	92
06/14/93	LCSD	MSMSD2306140820		100.00	86.50	ug/L	87
06/14/93	LCSD	MSMSD2306140820		100.00	91.00	ug/L	91
06/15/93	LCS	MSMSD2306150816		100.00	80.10	ug/L	80
06/15/93	LCS	MSMSD2306150816		100.00	80.10	ug/L	80
06/15/93	LCSD	MSMSD2306150816		100.00	86.60	ug/L	87
06/15/93	LCSD	MSMSD2306150816		100.00	86.60	ug/L	87
06/16/93	LCS	MSMSD2306160814		100.00	78.80	ug/L	79
	LCSD	MSMSD2306160814		100.00	86.90	ug/L ug/L	87
06/16/93	LCS	MSMSD2306100814 MSMSD2306220822		100.00	95.40	ug/L	95
06/22/93		MSMSD2306220822		100.00	97.40	ug/L	97
06/22/93	LCSD	MSMSD2306230826		100.00	82.60	ug/L	83
06/23/93	LCS	MSMSD2306230826		100.00	88.90	ug/L ug/L	89
06/23/93	LCSD	MSMSD2306240908		100.00	84.40	ug/L ug/L	84
06/24/93	LCS	MSMSD2306240908		100.00	86.20	ug/L ug/L	86
06/24/93	LCS	MSMSD2306240908		100.00	83.20	ug/L ug/L	83
06/24/93	LCSD	MSMSD2306240908		100.00	86.20	ug/L ug/L	86
06/24/93	LCSD	MSMSD2308070819		100.00	80.20	ug/L ug/L	80
08/07/93	LCS	MSMSD2308070819		100.00	78.90	ug/L ug/L	79
08/07/93	LCSD	MSMSD2309240819		100.00	92.30	ug/L	92
09/24/93	LCS						96
09/24/93	LCSD	MSMSD2309240819 MSMSD2310080817		100.00 100.00	95.80 92.40	ug/L ug/L	92
10/08/93	LCS				93.60		94
10/08/93	LCSD	MSMSD2310080817		100.00		ug/L	92
10/11/93 10/11/93	LCS LCSD	MSMSD2310110812 MSMSD2310110812		100.00 100.00	91.90 90.00	ug/L ug/L	90
Number of S	amples :	34	Below accept	ance :	0		
Maan % Boos		96.2	Above 'accent		n		

Mean % Recovery

: 86.2

: 6.26 Standard Deviation

Above acceptance : 0
Acceptance Criteria NS

DATE	0.41401 5	615au	ORIG.	AMOUNT	AMOUNT	RESULT	
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT 	RECOVE
Method : SW8270	- Semivolatile Organ	ics					
ked Analyte : Butylb	enzylphthalate						
oe of Spike : Labora	tory Control						
06/23/93	LCS	MSMSD1306231041		100.00	85.00	ug/L	85
06/23/93	LCSD	MSMSD1306231041		100.00	85.10	ug/L	85
08/17/93	LCS	MSMSD1308171507		100.00	91.90	ug/L	92
08/17/93	LCSD	MSMSD1308171507		100.00	94.40	ug/L	94
08/25/93	LCS	MSMSD1308251013		100.00	93.70	ug/L	94
08/25/93	LCSD	MSMSD1308251013		100.00	85.00	ug/L	85
09/20/93	LCS	MSMSD1309201450		100.00	92.80	ug/L	93
09/20/93	LCSD	MSMSD1309201450		100.00	102.00	ug/L	102
09/23/93	LCS	MSMSD1309230953		100.00	91.40 *	ug/L	91
09/23/93	LCSD	MSMSD1309230953		100.00	98.90 *	ug/L	99
06/14/93	LCS	MSMSD2306140820		100.00	102.00	ug/L	102
06/14/93	LCS	MSMSD2306140820		100.00	110.00	ug/L	110
06/14/93	LCSD	MSMSD2306140820		100.00	109.00	ug/L	109
06/14/93	LCSD	MSMSD2306140820		100.00	101.00	ug/L	101
06/15/93	LCS	MSMSD2306150816		100.00	90.50	ug/L	90
06/15/93	LCS	MSMSD2306150816		100.00	90.50	ug/L	90
06/15/93	LCSD	MSMSD2306150816		100.00	98.90	ug/L	99
06/15/93	LCSD	MSMSD2306150816		100.00	98.90	ug/L	99
06/16/93	LCS	MSMSD2306160814		100.00	99.60	ug/L	100
06/16/93	LCSD	MSMSD2306160814		100.00	107.00	ug/L	107
06/22/93	LCS	MSMSD2306220822		100.00	110.00	ug/L	110
06/22/93	LCSD	MSMSD2306220822		100.00	112.00	ug/L	112
06/23/93	LCS	MSMSD2306230826		100.00	98.30	ug/L	98
06/23/93	LCSD	MSMSD2306230826		100.00	102.00	ug/L	102
06/24/93	LCS	MSMSD2306240908		100.00	99.10	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	95.40	ug/L	95
06/24/93	LCSD	MSMSD2306240908		100.00	100.00	ug/L	100
06/24/93	LCSD	MSMSD2306240908		100.00	99.60	-	100
08/07/93	LCS	MSMSD2308070819		100.00	93.20	ug/L	93
08/07/93	LCSD	MSMSD2308070819		100.00	91.50	-	91
09/24/93	LCS	MSMSD2309240819		100.00	109.00		109
09/24/93	LCSD	MSMSD2309240819		100.00	110.00		110
10/08/93	LCS	MSMSD2310080817		100.00	109.00		109
10/08/93	LCSD	MSMSD2310080817		100.00	110.00		110
10/11/93	LCS	MSMSD2310110812		100.00	110.00		110
10/11/93	LCSD .	MSMSD2310110812		100.00	109.00	-	109

Number of Samples

: 36

: 99.6

Below acceptance :

Above acceptance :

0

Mean % Recovery Standard Deviation

: 8.15

Acceptance Criteria

D-152

DATE	CAMPLE ID	BATCH ID		AMOUNȚ SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
ANALYZED	SAMPLE ID	DATON ID	RESULT .	31 IVED	RECOVERED		
	- Semivolatile Organ	nics					
oiked Analyte : Chryse	ne						
ype of Spike : Labora	tany Control	•					
ype or spike : Labora	cory control						
06/23/93	LCS	MSMSD1306231041	100	0.00	84.30	ug/L	84
06/23/93	LCSD	MSMSD1306231041		0.00	88.90	ug/L	89
08/17/93	LCS	MSMSD1308171507	100	0.00	97.40	ug/L	97
08/17/93	LCSD	MSMSD1308171507	100	0.00	95.80	ug/L	96
08/25/93	LCS	MSMSD1308251013	100	0.00	93.00	ug/L	93
08/25/93	LCSD	MSMSD1308251013	100	0.00	81.80	ug/L	82
09/20/93	LCS	MSMSD1309201450	100	0.00	93.40	ug/L	93
09/20/93	LCSD	MSMSD1309201450	100	0.00	101.00	ug/L	101
09/23/93	LCS	MSMSD1309230953	100	0.00	87.20 *	·ug/L	87
09/23/93	LCSD	MSMSD1309230953		0.00	96.60 *	ug/L	97
06/14/93	LCS	MSMSD2306140820	100	0.00	95.60	ug/L	96
06/14/93	LCS	MSMSD2306140820	100	0.00	101.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820	100	0.00	99.70	ug/L	100
06/14/93	LCSD	MSMSD2306140820	100	0.00	90.20	ug/L	90
06/15/93	LCS	MSMSD2306150816	100	0.00	87.40	ug/L	87
06/15/93	LCS	MSMSD2306150816		0.00	87.40	ug/L	87
06/15/93	LCSD	MSMSD2306150816		0.00	94.70	ug/L	95
06/15/93	LCSD	MSMSD2306150816		0.00	94.70	ug/L	95
06/16/93	LCS	MSMSD2306160814		0.00	87.70	ug/L	88
06/16/93	LCSD	MSMSD2306160814		0.00	95.50	ug/L	96
06/22/93	LCS	MSMSD2306220822		0.00	99.40	ug/L	99
06/22/93	LCSD	MSMSD2306220822		0.00	101.00	ug/L	101
06/23/93	LCS	MSMSD2306230826		0.00	92.20	ug/L	92
06/23/93	LCSD	MSMSD2306230826		0.00	95.00	ug/L	95
06/24/93	LCS	MSMSD2306240908	100	0.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908		0.00	95.20	ug/L	95
06/24/93	LCSD	MSMSD2306240908		0.00	95.40	ug/L	95
06/24/93	LCSD	MSMSD2306240908		0.00	96.20	ug/L	96
08/07/93	LCS	MSMSD2308070819		0.00	86.70	ug/L	87
08/07/93	LCSD	MSMSD2308070819		0.00	84.90	ug/L	85
09/24/93	LCS	MSMSD2309240819		0.00	97.80	ug/L	98
09/24/93	LCSD	MSMSD2309240819		0.00	98.80	ug/L	99
10/08/93	LCS	MSMSD2310080817		0.00	99.20	ug/L	99
10/08/93	LCSD	MSMSD2310080817		0.00	99.80	ug/Ĺ	100
10/11/93	LCS	MSMSD2310110812		0.00	104.00	ug/L	104
10/11/93	LCSD	MSMSD2310110812		0.00	98.60	ug/L	99

Number of Samples : 36
Mean % Recovery : 94.1
Standard Deviation : 5.57

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 17-168

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Di-n-butylphthalate

Type of Spike : Laboratory Control

06/23/93	ĻCS	MSMSD1306231041	100.00	85.30	ug/L	85
06/23/93	LCSD	MSMSD1306231041	100.00	85.30	ug/L	85
08/17/93	LCS	MSMSD1308171507	100.00	95.50	ug/L	95
08/17/93	LCSD	MSMSD1308171507	100.00	96.70	ug/L	97
08/25/93	LCS	MSMSD1308251013	100.00	93.30	ug/L	93
08/25/93	LCSD	MSMSD1308251013	100.00	90.00	ug/L	90
09/20/93	LCS	MSMSD1309201450	100.00	98.00	ug/L	98
09/20/93	LCSD	MSMSD1309201450	100.00	106.00	ug/L	106
09/23/93	LCS	MSMSD1309230953	100.00	88.70 *	ug/L	89
09/23/93	LCSD	MSMSD1309230953	100.00	92.90 *	ug/L	93
06/14/93	LCS	MSMSD2306140820	100.00	119.00	ug/L	119
06/14/93	LCS	MSMSD2306140820	100.00	129.00	ug/L	129
06/14/93	LCSD	MSMSD2306140820	100.00	126.00	ug/L	126
06/14/93	LCSD	MSMSD2306140820	100.00	113.00	ug/L	113
06/15/93	LCS	MSMSD2306150816	100.00	108.00	ug/L	108
06/15/93	LCS	MSMSD2306150816	100.00	108.00	ug/L	108
06/15/93	LCSD	MSMSD2306150816	100.00	116.00	ug/L	116
06/15/93	LCSD	MSMSD2306150816	100.00	116.00	ug/L	116
06/16/93	LCS	MSMSD2306160814	100.00	114.00	ug/L	114
06/16/93	LCSD	MSMSD2306160814	100.00	120.00	ug/L	120
06/22/93	LCS	MSMSD2306220822	100.00	113.00	ug/L	113
06/22/93	LCSD	MSMSD2306220822	100.00	117.00	ug/L	117
06/23/93	LCS	MSMSD2306230826	100.00	115.00	ug/L	115
06/23/93	LCSD	MSMSD2306230826	100.00	121.00	ug/L	121
06/24/93	LCS	MSMSD2306240908	100.00	113.00	ug/L	113
06/24/93	LCS	MSMSD2306240908	100.00	116.00	ug/L	116
06/24/93	LCSD	MSMSD2306240908	100.00	117.00	ug/L	117
06/24/93	LCSD	. MSMSD2306240908	100.00	115.00	ug/L	115
08/07/93	LCS	MSMSD2308070819	100.00	92.60	ug/L	93
08/07/93	LCSD	MSMSD2308070819	100.00	90.90	ug/L	91
09/24/93	LCS	MSMSD2309240819	100.00	105.00	ug/L	105
09/24/93	LCSD	MSMSD2309240819	100.00	104.00	ug/L	104
10/08/93	LCS	MSMSD2310080817	100.00	105.00	ug/L	105
10/08/93	LCSD	MSMSD2310080817	100.00	106.00	ug/L	106
10/11/93	LCS	MSMSD2310110812	100.00	109.00	ug/L	109
10/11/93	LCSD	MSMSD2310110812	100.00	101.00	ug/L	101

Number of Samples Mean % Recovery

: 36 : 106.7 Below acceptance : Above acceptance :

0 0

Standard Deviation

: 11.82

Acceptance Criteria

NS

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Di-n-octylphthalate

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	91.30	ug/L	91
06/23/93	LCSD	MSMSD1306231041	100.00	93.10	ug/L	93
08/17/93	LCS	MSMSD1308171507	100.00	92.20	ug/L	92
08/17/93	LCSD	MSMSD1308171507	100.00	94.30	ug/L	94
08/25/93	LCS	MSMSD1308251013	100.00	95.70	ug/L	96
08/25/93	LCSD	MSMSD1308251013	100.00	91.30	ug/L	91
09/20/93	LCS	MSMSD1309201450	100.00	100.00	ug/L	100
09/20/93	LCSD	MSMSD1309201450	100.00	107.00	ug/L	107
09/23/93	LCS	MSMSD1309230953	100.00	92.70 *	ug/L	93
09/23/93	LCSD	MSMSD1309230953	100.00	95.20 *	ug/L	95
06/14/93	LCS	MSMSD2306140820	100.00	121.00	ug/L	121
06/14/93	LCS	MSMSD2306140820	100.00	130.00	ug/L	130
06/14/93	LCSD	MSMSD2306140820	100.00	127.00	ug/L	127
06/14/93	LCSD	MSMSD2306140820	100.00	118.00	ug/L	118
06/15/93	LCS	MSMSD2306150816	100.00	106.00	ug/L	106
06/15/93	LCS	MSMSD2306150816	100.00	106.00	ug/L	106
06/15/93	LCSD	MSMSD2306150816	100.00	115.00	ug/L	115
06/15/93	LCSD	MSMSD2306150816	100.00	115.00	ug/L	115
06/16/93	LCS	MSMSD2306160814	100.00	118.00	ug/L	118
06/16/93	LCSD	MSMSD2306160814	100.00	127.00	ug/L	127
06/22/93	LCS	MSMSD2306220822	100.00	117.00	ug/L	117
06/22/93	LCSD	MSMSD2306220822	100.00	120.00	ug/L	120
06/23/93	LCS	MSMSD2306230826	100.00	116.00	ug/L	116
06/23/93	LCSD	MSMSD2306230826	100.00	118.00	ug/L	118
06/24/93	LCS	MSMSD2306240908	100.00	112.00	ug/L	112
06/24/93	LCS	MSMSD2306240908	100.00	116.00	ug/L	116
06/24/93	LCSD	MSMSD2306240908	100.00	116.00	ug/L	116
06/24/93	LCSD	MSMSD2306240908	100.00	116.00	ug/L	116
08/07/93	LCS	MSMSD2308070819	100.00	98.00	ug/L	98
08/07/93	LCSD	MSMSD2308070819	100.00	95.70	ug/L	96
09/24/93	LCS	MSMSD2309240819	100.00	113.00	ug/L	113
09/24/93	LCSD	MSMSD2309240819	100.00	116.00	ug/L	116
10/08/93	LCS	MSMSD2310080817	100.00	115.00	ug/L	115
10/08/93	LCSD	MSMSD2310080817	100.00	116.00	ug/L	116
10/11/93	LCS	MSMSD2310110812	100.00	120.00	ug/L	120
10/11/93	LCSD	MSMSD2310110812	100.00	108.00	ug/L	108

Number of Samples Mean % Recovery

: 36 : 109.7 Below acceptance : Above acceptance :

0

0

Standard Deviation

: 11.50

Acceptance Criteria

4-146

Method: SW8270 - Semivolatile On Spiked Analyte: Dibenz(a,h)anthracene  Type of Spike: Laboratory Control  06/23/93	BATCH ID	ORIG. AMOUNT RESULT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Spiked Analyte : Dibenz(a,h)anthracene           Type of Spike : Laboratory Control           06/23/93	ganics				•
06/23/93       LCS         06/23/93       LCSD         08/17/93       LCS         08/17/93       LCSD         08/25/93       LCS         08/25/93       LCSD         09/20/93       LCSD         09/20/93       LCSD         09/23/93       LCSD         09/23/93       LCSD         06/14/93       LCS         06/14/93       LCS         06/14/93       LCSD         06/15/93       LCSD         06/15/93       LCS         06/15/93       LCSD         06/15/93       LCSD         06/16/93       LCSD         06/16/93       LCSD         06/22/93       LCSD         06/22/93       LCSD         06/23/93       LCSD         06/23/93       LCSD         06/24/93       LCS         06/24/93       LCSD         06/24/93       LCSD         06/24/93       LCSD         08/07/93       LCSD         09/24/93       LCSD         09/24/93       LCSD					
06/23/93       LCSD         08/17/93       LCS         08/17/93       LCSD         08/25/93       LCS         08/25/93       LCSD         09/20/93       LCSD         09/20/93       LCSD         09/23/93       LCSD         09/23/93       LCSD         06/14/93       LCSD         06/14/93       LCSD         06/14/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/16/93       LCSD         06/16/93       LCSD         06/22/93       LCSD         06/22/93       LCSD         06/23/93       LCSD         06/23/93       LCSD         06/24/93       LCSD         06/24/93       LCSD         06/24/93       LCSD         08/07/93       LCSD         09/24/93       LCSD         09/24/93       LCSD					
06/23/93       LCSD         08/17/93       LCS         08/17/93       LCSD         08/25/93       LCS         08/25/93       LCSD         09/20/93       LCSD         09/20/93       LCSD         09/23/93       LCSD         09/23/93       LCSD         06/14/93       LCS         06/14/93       LCSD         06/14/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/16/93       LCSD         06/16/93       LCSD         06/22/93       LCSD         06/22/93       LCSD         06/23/93       LCSD         06/23/93       LCSD         06/24/93       LCSD         06/24/93       LCSD         06/24/93       LCSD         08/07/93       LCSD         09/24/93       LCSD         09/24/93       LCSD	MSMSD1306231041	100.00	90.10	ug/L	90
08/17/93       LCSD         08/25/93       LCS         08/25/93       LCSD         09/20/93       LCSD         09/20/93       LCSD         09/23/93       LCSD         09/23/93       LCSD         06/14/93       LCS         06/14/93       LCSD         06/14/93       LCSD         06/15/93       LCS         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/16/93       LCSD         06/16/93       LCSD         06/22/93       LCSD         06/22/93       LCSD         06/23/93       LCSD         06/23/93       LCSD         06/24/93       LCS         06/24/93       LCSD         06/24/93       LCSD         06/24/93       LCSD         08/07/93       LCSD         09/24/93       LCSD         09/24/93       LCSD	MSMSD1306231041	100.00	91.30	ug/L	91
08/25/93       LCS         08/25/93       LCSD         09/20/93       LCSD         09/23/93       LCSD         09/23/93       LCSD         09/23/93       LCSD         06/14/93       LCS         06/14/93       LCSD         06/14/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/16/93       LCSD         06/16/93       LCSD         06/22/93       LCS         06/22/93       LCSD         06/23/93       LCSD         06/23/93       LCSD         06/24/93       LCS         06/24/93       LCSD         06/24/93       LCSD         06/24/93       LCSD         08/07/93       LCSD         09/24/93       LCSD         09/24/93       LCSD	MSMSD1308171507	100.00	81.70	ug/L	82
08/25/93	MSMSD1308171507	100.00	87.10	ug/L	87
09/20/93         LCS           09/20/93         LCSD           09/23/93         LCS           09/23/93         LCSD           06/14/93         LCS           06/14/93         LCSD           06/14/93         LCSD           06/14/93         LCSD           06/15/93         LCS           06/15/93         LCSD           06/15/93         LCSD           06/15/93         LCSD           06/16/93         LCSD           06/16/93         LCSD           06/22/93         LCSD           06/22/93         LCSD           06/23/93         LCSD           06/23/93         LCSD           06/24/93         LCS           06/24/93         LCSD           06/24/93         LCSD           08/07/93         LCSD           09/24/93         LCSD           09/24/93         LCSD	MSMSD1308251013	100.00	79.10	ug/L	79
09/20/93         LCS           09/20/93         LCSD           09/23/93         LCS           09/23/93         LCSD           06/14/93         LCS           06/14/93         LCSD           06/14/93         LCSD           06/14/93         LCSD           06/15/93         LCS           06/15/93         LCSD           06/15/93         LCSD           06/15/93         LCSD           06/16/93         LCSD           06/16/93         LCSD           06/22/93         LCSD           06/22/93         LCSD           06/23/93         LCSD           06/23/93         LCSD           06/24/93         LCS           06/24/93         LCSD           06/24/93         LCSD           06/24/93         LCSD           08/07/93         LCSD           09/24/93         LCSD           09/24/93         LCSD	MSMSD1308251013	100.00	75.80	ug/L	76
09/23/93         LCS           09/23/93         LCSD           06/14/93         LCS           06/14/93         LCSD           06/14/93         LCSD           06/14/93         LCSD           06/15/93         LCS           06/15/93         LCSD           06/15/93         LCSD           06/15/93         LCSD           06/16/93         LCS           06/16/93         LCSD           06/22/93         LCS           06/22/93         LCSD           06/23/93         LCSD           06/23/93         LCSD           06/24/93         LCS           06/24/93         LCS           06/24/93         LCSD           06/24/93         LCSD           08/07/93         LCSD           09/24/93         LCSD           09/24/93         LCSD	MSMSD1309201450	100.00	91.20	ug/L	91
09/23/93         LCS           09/23/93         LCSD           06/14/93         LCS           06/14/93         LCSD           06/14/93         LCSD           06/14/93         LCSD           06/15/93         LCS           06/15/93         LCSD           06/15/93         LCSD           06/15/93         LCSD           06/16/93         LCS           06/16/93         LCSD           06/22/93         LCS           06/22/93         LCSD           06/23/93         LCSD           06/23/93         LCSD           06/24/93         LCS           06/24/93         LCS           06/24/93         LCSD           06/24/93         LCSD           08/07/93         LCSD           09/24/93         LCSD           09/24/93         LCSD	MSMSD1309201450	100.00	96.20	ug/L	96
09/23/93         LCSD           06/14/93         LCS           06/14/93         LCSD           06/14/93         LCSD           06/14/93         LCSD           06/15/93         LCS           06/15/93         LCSD           06/15/93         LCSD           06/15/93         LCSD           06/16/93         LCS           06/16/93         LCSD           06/22/93         LCSD           06/22/93         LCSD           06/23/93         LCSD           06/23/93         LCSD           06/23/93         LCSD           06/24/93         LCS           06/24/93         LCSD           06/24/93         LCSD           06/24/93         LCSD           08/07/93         LCSD           09/24/93         LCSD           09/24/93         LCSD	MSMSD1309230953	100.00	78.70 *	ug/L	79
06/14/93       LCS         06/14/93       LCSD         06/14/93       LCSD         06/15/93       LCS         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/16/93       LCSD         06/16/93       LCSD         06/22/93       LCSD         06/22/93       LCSD         06/23/93       LCSD         06/23/93       LCSD         06/24/93       LCS         06/24/93       LCS         06/24/93       LCSD         06/24/93       LCSD         08/07/93       LCSD         09/24/93       LCSD         09/24/93       LCSD	MSMSD1309230953	100.00	82.90 *	ug/L	83
06/14/93	MSMSD2306140820	100.00	84.90	ug/L	85
06/14/93	MSMSD2306140820	100.00	93.60	ug/L	94
06/14/93	MSMSD2306140820	100.00	93.50	ug/L	93
06/15/93       LCS         06/15/93       LCSD         06/15/93       LCSD         06/15/93       LCSD         06/16/93       LCSD         06/16/93       LCSD         06/22/93       LCSD         06/22/93       LCSD         06/23/93       LCSD         06/23/93       LCSD         06/24/93       LCS         06/24/93       LCS         06/24/93       LCSD         06/24/93       LCSD         08/07/93       LCSD         09/24/93       LCS         09/24/93       LCS         09/24/93       LCSD	MSMSD2306140820	100.00	85.80	ug/L	86
06/15/93 LCS 06/15/93 LCSD 06/15/93 LCSD 06/15/93 LCSD 06/16/93 LCS 06/16/93 LCSD 06/22/93 LCS 06/22/93 LCSD 06/23/93 LCSD 06/23/93 LCSD 06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCSD 08/07/93 LCSD 09/24/93 LCSD	MSMSD2306150816	100.00	89.00	ug/L	89
06/15/93 LCSD 06/15/93 LCSD 06/16/93 LCSD 06/16/93 LCSD 06/22/93 LCS 06/22/93 LCSD 06/23/93 LCS 06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCSD 08/07/93 LCSD 09/24/93 LCSD	MSMSD2306150816	100.00	89.00	ug/L	89
06/16/93 LCS 06/16/93 LCSD 06/22/93 LCSD 06/22/93 LCSD 06/23/93 LCSD 06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCSD 08/07/93 LCSD 09/24/93 LCSD	MSMSD2306150816	100.00	95.80	ug/L	96
06/16/93 LCSD 06/22/93 LCS 06/22/93 LCSD 06/23/93 LCS 06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCSD 08/07/93 LCSD 09/24/93 LCSD	MSMSD2306150816	100.00	95.80	ug/L	96
06/22/93 LCS 06/22/93 LCSD 06/23/93 LCSD 06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCSD 08/07/93 LCSD 09/24/93 LCSD	MSMSD2306160814	100.00	86.20	ug/L	86
06/22/93 LCSD 06/23/93 LCS 06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCS 08/07/93 LCS 09/24/93 LCS 09/24/93 LCS	MSMSD2306160814	100.00	93.40	ug/L	93
06/23/93 LCS 06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCS 08/07/93 LCSD 09/24/93 LCSD	MSMSD2306220822	100.00	106.00	ug/L	106
06/23/93 LCSD 06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCS 08/07/93 LCSD 09/24/93 LCS 09/24/93 LCSD	MSMSD2306220822	100.00	109.00	ug/L	109
06/24/93 LCS 06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCS 08/07/93 LCSD 09/24/93 LCS 09/24/93 LCSD	MSMSD2306230826	100.00	96.90	ug/L	97
06/24/93 LCS 06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCS 08/07/93 LCSD 09/24/93 LCS 09/24/93 LCSD	MSMSD2306230826	100.00	98.60	ug/L	99
06/24/93 LCSD 06/24/93 LCSD 08/07/93 LCS 08/07/93 LCSD 09/24/93 LCS 09/24/93 LCSD	MSMSD2306240908	100.00	98.50	ug/L	98
06/24/93 LCSD 08/07/93 LCS 08/07/93 LCSD 09/24/93 LCS 09/24/93 LCSD	MSMSD2306240908	100.00	105.00	ug/L	105
08/07/93 LCS 08/07/93 LCSD 09/24/93 LCS 09/24/93 LCSD	MSMSD2306240908	100.00	105.00	ug/L	105
08/07/93 LCSD 09/24/93 LCS 09/24/93 LCSD	MSMSD2306240908	100.00	102.00	ug/L	102
09/24/93 LCS 09/24/93 LCSD	MSMSD2308070819	100.00	70.80		71
09/24/93 LCSD	MSMSD2308070819	100.00	69.80	ug/L	70
	MSMSD2309240819	100.00	95.20	ug/L	95
10/08/93 LCS	MSMSD2309240819	100.00	98.60	ug/L	99
	MSMSD2310080817	100.00	92.20	ug/L	92
10/08/93 LCSD	MSMSD2310080817	100.00	93.80	ug/L	94
10/11/93 LCS	MSMSD2310110812	100.00	88.90	ug/L	89
10/11/93 LCSD	MSMSD2310110812	100.00	95.40	ug/L	95

Date Compiled: 30 April 1994

Mean % Recovery

Standard Deviation

ND = Not Detected

Above acceptance :

Acceptance Criteria

D-227

: 91.3

: 9.29

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Dibenzofuran

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	89.20	ug/L	89
06/23/93	LCSD	MSMSD1306231041	100.00	92.10	ug/L	92
08/17/93	LCS	MSMSD1308171507	100.00	96.10	ug/L	96
08/17/93	LCSD	MSMSD1308171507	100.00	100.00	ug/L	100
08/25/93	LCS	MSMSD1308251013	100.00	96.90	ug/L	97
08/25/93	LCSD	MSMSD1308251013	100.00	90.20	ug/L	90
09/20/93	LCS	MSMSD1309201450	100.00	103.00	ug/L	103
09/20/93	LCSD	MSMSD1309201450	100.00	106.00	ug/L	106
06/14/93	LCS	MSMSD2306140820	100.00	100.00	ug/L	100
06/14/93	LCS	MSMSD2306140820	100.00	105.00	ug/L	105
06/14/93	LCSD	MSMSD2306140820	100.00	104.00	ug/L	104
06/14/93	LCSD	MSMSD2306140820	100.00	94.30	ug/L	94
06/15/93	LCS	MSMSD2306150816	100.00	92.10	ug/L	92
06/15/93	LCS	MSMSD2306150816	100.00	92.10	ug/L	92
06/15/93	LCSD	MSMSD2306150816	100.00	98.10	ug/L	98
06/15/93	LCSD	MSMSD2306150816	100.00	98.10	ug/L	98
06/16/93	LCS	MSMSD2306160814	100.00 ·	95.40	ug/L	95
06/16/93	LCSD	MSMSD2306160814	100.00	101.00	ug/L	101
06/22/93	LCS	MSMSD2306220822	100.00	103.00	ug/L	103
06/22/93	LCSD	MSMSD2306220822	100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826	100.00	95.10	ug/L	95
06/23/93	LCSD	MSMSD2306230826	100.00	97.90	ug/L	98
06/24/93	LCS	MSMSD2306240908	100.00	98.70	ug/L	99
06/24/93	LCS	MSMSD2306240908	100.00	93.50	ug/L	94
06/24/93	LCSD	_MSMSD2306240908	100.00	96.70	ug/L	97
06/24/93	LCSD	MSMSD2306240908	100.00	97.30	ug/L	97
08/07/93	LCS	MSMSD2308070819	100.00	88.10	ug/L	88
08/07/93	LCSD	MSMSD2308070819	100.00	86.80	ug/L	87
09/24/93	LCS	MSMSD2309240819	100.00	95.60	ug/L	96
09/24/93	LCSD	MSMSD2309240819	100.00	97.20	ug/L	97
10/08/93	LCS	MSMSD2310080817	100.00	95.70	ug/L	96
10/08/93	LCSD	MSMSD2310080817	100.00	98.50	ug/L	99
10/11/93	LCS	MSMSD2310110812	100.00	102.00	ug/L	102
10/11/93	LCSD	MSMSD2310110812	100.00	94.90	ug/L	95

Number of Samples : 97.0 Mean % Recovery Standard Deviation 4.88 Below acceptance : Above acceptance : Acceptance Criteria NS

DATE			ORIG. AMOL		RESULT	
ANALYZED	SAMPLE ID	BATCH ID	RESULT SPIK	ED RECOVERED	UNIT	RECOVERY
000 400 400 400 400 day day day		an an an an an	***************************************			
Method : SW8270	) - Semivolatile Org	anics				
Spiked Analyte : Diethy	_					
Type of Spike : Labora	tory Control					
06/23/93	LCS	MSMSD1306231041	100.00	99.40	ug/L	99
06/23/93	LCSD	MSMSD1306231041	100.00		ug/L	98
08/17/93	LCS	MSMSD1308171507	100.00		ug/L	103
08/17/93	LCSD	MSMSD1308171507	100.00		ug/L	106
08/25/93	LCS	MSMSD1308251013	100.00		ug/L	113
08/25/93	LCSD	MSMSD1308251013	100.00		ug/L	102
09/20/93	LCS	MSMSD1309201450	100.00		ug/L	107
09/20/93	LCSD	MSMSD1309201450	100.00	•	ug/L	108
09/23/93	LCS	MSMSD1309230953	100.00		ug/L	96
09/23/93	LCSD	MSMSD1309230953	100.00		ug/L	104
06/14/93	LCS	MSMSD2306140820	100.00		ug/L	110
06/14/93	LCS	MSMSD2306140820	100.00		ug/L	114
06/14/93	LCSD	MSMSD2306140820	100.00		ug/L	114
06/14/93	LCSD	MSMSD2306140820	100.00		ug/L	104
06/15/93	LCS	MSMSD2306150816	100.00		ug/L	102
06/15/93	LCS	MSMSD2306150816	100.00		ug/L	102
06/15/93	LCSD	MSMSD2306150816	100.00		ug/L	108
06/15/93	LCSD	MSMSD2306150816	100.00	108.00	ug/L	108
06/16/93	LCS	MSMSD2306160814	100.00	105.00	ug/L	105
06/16/93	LCSD	MSMSD2306160814	100.00	109.00	ug/L	109
06/22/93	LCS	MSMSD2306220822	100.00	108.00	ug/L	108
06/22/93	LCSD	MSMSD2306220822	100.00	111.00	ug/L	111
06/23/93	LCS	MSMSD2306230826	100.00	105.00	ug/L	105
06/23/93	LCSD	MSMSD2306230826	100.00	107.00	ug/L	107
06/24/93	LCS	MSMSD2306240908	100.00	101.00	ug/L	101
06/24/93	LCS	MSMSD2306240908	100.00	104.00	ug/L	104
06/24/93	LCSD	MSMSD2306240908	100.00	105.00	ug/L	105
06/24/93	LCSD	MSMSD2306240908	100.00	103.00	ug/L	103
08/07/93	LCS	MSMSD2308070819	100.00	92.40	ug/L	92
08/07/93	LCSD	MSMSD2308070819	100.00		ug/L	91
09/24/93	LCS	MSMSD2309240819	100.00	98.60	ug/L	99
09/24/93	LCSD	MSMSD2309240819	100.00	99.70	ug/L	100
10/08/93	LCS	MSMSD2310080817	100.00	98.50		98
10/08/93	LCSD	MSMSD2310080817	100.00	102.00		102
10/11/93	LCS	MSMSD2310110812	100.00	105.00		105
10/11/93	LCSD	MSMSD2310110812	100.00	95.70		96
Number of Sa	emples .	36	Dala			
Mean % Recov		36	Below acceptance :	0		
mean % Keco\	very :	103.9	Above acceptance :	0		

Standard Deviation

Acceptance Criteria D-114

: 5.57

			~				
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Dimethylphthalate

Type of Spike : Laboratory Control

	06/23/93	LCS	MSMSD1306231041	100.00	97.70	ug/L	98
	06/23/93	LCSD	MSMSD1306231041	100.00	94.80	ug/L	95
	08/17/93	LCS	MSMSD1308171507	100.00	96.30	ug/L	96
	08/17/93	LCSD	MSMSD1308171507	100.00	102.00	ug/L	102
	08/25/93	LCS	MSMSD1308251013	100.00	94.60	ug/L	95
	08/25/93	LCSD	MSMSD1308251013	100.00	89.20	ug/L	89
	09/20/93	LCS	MSMSD1309201450	100.00	100.00	ug/L	100
	09/20/93	LCSD	MSMSD1309201450	100.00	102.00	ug/L	102
	09/23/93	LCS	MSMSD1309230953	100.00	87.80 *	ug/L	88
	09/23/93	LCSD	MSMSD1309230953	100.00	89.20 *	ug/L	89
	06/14/93	LCS	MSMSD2306140820	100.00	103.00	ug/L	103
	06/14/93	LCS	MSMSD2306140820	100.00	109.00	ug/L	109
	06/14/93	LCSD	MSMSD2306140820	100.00	108.00	ug/L	108
	06/14/93	LCSD	MSMSD2306140820	100.00	96.80	ug/L	97
	06/15/93	LCS	MSMSD2306150816	100.00	95.60	ug/L	96
	06/15/93	LCS	MSMSD2306150816	100.00	95.60	ug/L	96
	06/15/93	LCSD	MSMSD2306150816	100.00	102.00	ug/L	102
	06/15/93	LCSD	MSMSD2306150816	100.00	102.00	ug/L	102
	06/16/93	LCS	MSMSD2306160814	100.00	95.40	ug/L	95
	06/16/93	LCSD	MSMSD2306160814	100.00 -	103.00	ug/L	103
	06/22/93	LCS	MSMSD2306220822	100.00	105.00	ug/L	105
	06/22/93	LCSD	MSMSD2306220822	100.00	108.00	ug/L	108
	06/23/93	LCS	MSMSD2306230826	100.00	99.80	ug/L	100
	06/23/93	LCSD	MSMSD2306230826	100.00	103.00	ug/L	103
	06/24/93	LCS	MSMSD2306240908	100.00	102.00	ug/L	102
	06/24/93	LCS	MSMSD2306240908	100.00	97.20	ug/L	97
	06/24/93	LCSD	MSMSD2306240908	100.00	101.00	ug/L	101
	06/24/93	LCSD	MSMSD2306240908	100.00	102.00	ug/L	102
	08/07/93	LCS .	MSMSD2308070819	100.00	88.20	ug/L	88
	08/07/93	LCSD	MSMSD2308070819	100.00	86.70	ug/L	87
	09/24/93	LCS	MSMSD2309240819	100.00	95.70	ug/L	96
	09/24/93	LCSD	MSMSD2309240819	100.00	96.10	ug/L	96
	10/08/93	LCS	MSMSD2310080817	100.00	95.60	ug/L	96
	10/08/93	LCSD	MSMSD2310080817	100.00	99.00	ug/L	99
	10/11/93	LCS	MSMSD2310110812	100.00	101.00	ug/L	101
	10/11/93	LCSD	MSMSD2310110812	100.00	93.30	ug/L	93
_							

Number of Samples : 36 Mean % Recovery : 98.3 Standard Deviation : 5.67 Below acceptance : 0 Above acceptance : Acceptance Criteria D-112

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

B8-197

DATE				AMOUNT	AMOUNT	RESULT	- %
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOV
Method - SW827	0 - Semivolatile Or	ganico					
piked Analyte : Dipher							
Type of Spike : Labora	atory Control						
06/23/93	LCS	MSMSD1306231041	10	0.00	76.20	ug/L	76
06/23/93	LCSD	MSMSD1306231041	10	0.00	75.30	ug/L	75
08/17/93	- LCS	MSMSD1308171507	10	0.00	80.70	ug/L	81
08/17/93	LCSD	MSMSD1308171507	10	0.00	80.30	ug/L	80
06/14/93	LCS	MSMSD2306140820	10	0.00	97.90	ug/L	98
06/14/93	LCS	MSMSD2306140820	10	0.00	92.20	ug/L	92
06/14/93	LCSD	MSMSD2306140820		0.00	86.20	ug/L	86
06/14/93	LCSD	MSMSD2306140820	10	0.00	94.20	ug/L	94
06/15/93	LCS	MSMSD2306150816		0.00	85.40	ug/L	85
06/15/93	LCS	MSMSD2306150816		0.00	85.40	ug/L	85
06/15/93	LCSD	MSMSD2306150816		0.00	90.70	ug/L	91
06/15/93	LCSD	MSMSD2306150816		0.00	90.70	ug/L	91
06/16/93	LCS	MSMSD2306160814		0.00	86.60	ug/L	87
06/16/93	LCSD	MSMSD2306160814		0.00	90.60	ug/L	91
06/22/93	LCS	MSMSD2306220822		0.00	96.20	ug/L	96
06/22/93	LCSD	MSMSD2306220822		0.00	98.70	ug/L	99
06/23/93	LCS	MSMSD2306230826		0.00	90.20	ug/L	90
06/23/93	LCSD	MSMSD2306230826		0.00	91.90	ug/L	92
06/24/93	LCS	MSMSD2306240908	100	0.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908		0.00	89.10	ug/L	89
06/24/93	LCSD	MSMSD2306240908		0.00	91.40	ug/L	91
06/24/93	LCSD	MSMSD2306240908		0.00	90.30	ug/L	90
08/07/93	LCS	MSMSD2308070819			83.60	ug/L	
08/07/93	LCSD	MSMSD2308070819			82.20	ug/L	
Number of S	amples	: 24	Below acceptance	: 2	<b></b>		
Mean % Reco	very :	81.3	Above acceptance	: 2	2		
Standard De	viation :	25.75	Acceptance Criter	ria	NS		
Method · SW8270	- Semivolatile Org	vania.					
iked Analyte : Fluora		gan i CS					
J	tony Contuct						
ype of Spike : Labora	tory control						
ype of Spike : Labora 06/23/93	LCS	MSMSD1306231041	100	0.00	83.00	ug/L	83
ype of Spike : Labora	•	MSMSD1306231041 MSMSD1306231041		).00 ).00	83.00 83.80	ug/L ug/L	83 84
ype of Spike : Labora 06/23/93	LCS		100			ug/L	84
ype of Spike : Labora 06/23/93 06/23/93	LCS LCSD	MSMSD1306231041	100 100	0.00	83.80	ug/L ug/L	
ype of Spike : Labora 06/23/93 06/23/93 08/17/93	LCS LCSD LCS	MSMSD1306231041 MSMSD1308171507	100 100 100	).00 ).00	83.80 94.10	ug/L ug/L ug/L	84 94 94
ype of Spike : Labora 06/23/93 06/23/93 08/17/93 08/17/93	LCS LCSD LCS LCSD	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507	100 100 100 100	).00 ).00 ).00	83.80 94.10 93.60	ug/L ug/L ug/L ug/L	84 94 94 88
06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93	LCS LCSD LCS LCSD LCSD	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013	100 100 100 100 100	).00 ).00 ).00 ).00	83.80 94.10 93.60 88.30 85.70	ug/L ug/L ug/L ug/L ug/L	84 94 94 88 86
06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93	LCS LCSD LCS LCSD LCS LCSD	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013	100 100 100 100 100	0.00 0.00 0.00 0.00 0.00	83.80 94.10 93.60 88.30 85.70 93.60	ug/L ug/L ug/L ug/L ug/L ug/L	84 94 94 88 86 94
06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93	LCS LCSD LCS LCSD LCS LCSD LCS	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450	100 100 100 100 100 100	0.00 0.00 0.00 0.00 0.00	83.80 94.10 93.60 88.30 85.70 93.60 103.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	84 94 94 88 86 94 103
06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93	LCS LCSD LCS LCSD LCS LCSD LCSD LCSD LCS	MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450	100 100 100 100 100 100 100	0.00 0.00 0.00 0.00 0.00	83.80 94.10 93.60 88.30 85.70 93.60	ug/L ug/L ug/L ug/L ug/L ug/L	84 94 94 88 86 94

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable NS = Not Specified

SAMPLE ID	BATCH ID	ORIG. AMO RESULT SPI	UNT AMOUNT KED RECOVERED	RESULT UNIT	% RECOVER
- Semivolatile Org othene continued	anics				
ory Control			•		
LCS	MSMSD2306140820	100.0	0 106.00	ug/L	106
LCSD	MSMSD2306140820	100.0	0 105.00	ug/L	105
LCSD	MSMSD2306140820	100.0	0 94.70	ug/L	95
LCS	MSMSD2306150816	100.0	0 91.40	ug/L	91
LCS	MSMSD2306150816	100.0	0 91.40	ug/L	91
LCSD	MSMSD2306150816	100.0	0 98.70	ug/L	99
LCSD	MSMSD2306150816	100.0	0 98.70	ug/L	99
LCS	MSMSD2306160814	100.0	0 92.80	ug/L	93
LCSD	MSMSD2306160814	100.0	0 98.80	ug/L	99
LCS	MSMSD2306220822	100.0	0 102.00	ug/L	102
LCSD	MSMSD2306220822	100.0	0 109.00	ug/L	109
LCS	MSMSD2306230826	100.0	0 99.00	ug/L	99
LCSD	MSMSD2306230826	100.0	0 102.00	ug/L	102
LCS	MSMSD2306240908	100.0	0 97.60	ug/L	98
LCS	MSMSD2306240908	100.0	0 99.40	ug/L	99
LCSD	MSMSD2306240908	100.0	0 99.60	ug/L	100
LCSD	MSMSD2306240908	100.0	0 100.00	ug/L	100
LCS	MSMSD2308070819	100.0	0 85.70	ug/L	86
LCSD	MSMSD2308070819	100.0	0 83.80	ug/L	84
LCS	MSMSD2309240819	100.0	0 95.10	ug/L	95
LCSD	MSMSD2309240819	100.0	0 93.50	ug/L	93
LCS	MSMSD2310080817	100.0	0 96.90	ug/L	97
LCSD	MSMSD2310080817	100.0	0 97.90	ug/L	98
LCS	MSMSD2310110812	100.0	0 101.00	ug/L	101
LCSD	MSMSD2310110812	100.0	0 91.40	ug/L	91
•	36	Below acceptance :	0		
ery :	95.3	Above acceptance :	0		
		Acceptance Criteria	26-137		
	thene continued  Cry Control  LCS LCSD LCSD LCS LCSD LCSD LCSD LCS LCSD	LCS	CCS	CCS	LCS

76.80 77 08/17/93 LCS MSMSD1308171507 100.00 ug/L MSMSD1308171507 LCSD 100.00 82.60 ug/L 83 08/17/93 84.90 08/25/93 LCS MSMSD1308251013 100.00 ug/L 85 LCSD 08/25/93 MSMSD1308251013 100.00 79.90 ug/L 80 LCS MSMSD1309201450 100.00 . 87.40 ug/L 87 09/20/93 LCSD MSMSD1309201450 100.00 88.80 89 09/20/93 ug/L 81.50 * ug/L 09/23/93 LCS MSMSD1309230953 100.00 81 09/23/93 LCSD MSMSD1309230953 100.00 80.80 * 81 ug/L

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270	) - Semivolatile Organ	ics					
ked Analyte : Fluore	ene continued						
e of Spike : Laborat	ory Control						
06/14/93	LCS	MSMSD2306140820		100.00	82.40	ug/L	82
06/14/93	LCS	MSMSD2306140820		100.00	85.30	ug/L	85
06/14/93	LCSD	MSMSD2306140820		100.00	85.70	ug/L	86
06/14/93	LCSD	MSMSD2306140820		100.00	77.20	ug/L	77
06/15/93	LCS	MSMSD2306150816		100.00	76.80	ug/L	77
06/15/93	LCS	MSMSD2306150816		100.00	76.80	ug/L	77
06/15/93	LCSD	MSMSD2306150816		100.00	80.20	ug/L	80
06/15/93	LCSD	MSMSD2306150816		100.00	80.20	ug/L	80
06/16/93	LCS	MSMSD2306160814		100.00	78.40	ug/L	78
06/16/93	LCSD	MSMSD2306160814		100.00	81.80	ug/L	82
06/22/93	LCS	MSMSD2306220822		100.00 .	84.10	ug/L	84
06/22/93	LCSD	MSMSD2306220822		100.00	87.00	ug/L	87
06/23/93	LCS	MSMSD2306230826		100.00	78.70	ug/L	79
06/23/93	LCSD	MSMSD2306230826		100.00	79.80	ug/L	80
06/24/93	LCS	MSMSD2306240908		100.00	79.70	ug/L	80
06/24/93	LCS	MSMSD2306240908		100.00	77.60	ug/L	78
06/24/93	LCSD	MSMSD2306240908		100.00	79.70	ug/L	80
06/24/93	LCSD	MSMSD2306240908		100.00	79.40	ug/L	79
08/07/93	LCS	MSMSD2308070819		100.00	73.00	ug/L	73
08/07/93	LCSD	MSMSD2308070819		100.00	72.50	ug/L	72
09/24/93	LCS	MSMSD2309240819		100.00	80.60	ug/L	81
09/24/93	LCSD	MSMSD2309240819		100.00	82.00	ug/L	82
10/08/93	LCS	MSMSD2310080817		100.00	80.50	ug/L	81
10/08/93	LCSD	MSMSD2310080817		100.00	83.60	ug/L	84
10/11/93	LCS	MSMSD2310110812		100.00	86.30	ug/L	86
10/11/93	LCSD	MSMSD2310110812		100.00	80.20	ug/L	80
Number of Sa	amples : :	36	Below acceptan	ce : (	 )		
Mean % Recov	·	A COLOR OF THE COL	Above acceptan		)		

Standard Deviation : 3.75

Acceptance Criteria 59-121

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Hexachlorobenzene

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	84.20	ug/L	84
06/23/93	LCSD	MSMSD1306231041	100.00	83.00	ug/L	83
08/17/93	LCS	MSMSD1308171507	100.00	106.00	ug/L	106
08/17/93	LCSD	MSMSD1308171507	100.00	105.00	ug/L	105
08/25/93	LCS	MSMSD1308251013	100.00	96.40	ug/L	96
08/25/93	LCSD	MSMSD1308251013	100.00	88.10	ug/L	88
09/20/93	LCS	MSMSD1309201450	100.00	111.00	ug/L	111
09/20/93	LCSD	MSMSD1309201450	100.00	122.00	ug/L	122
09/23/93	LCS	MSMSD1309230953	100.00	100.00 *	ug/L	100

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

Method : SW8270 - Semivolatile Organics   Spiked Analyse : Hexachlorobenzene continued	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
09/23/93									
06/14/93	Type of Spike : Laborat	ory Control							
06/14/93	09/23/93	LCSD		MSMSD1309230953		100.00	104.00 *	ug/L	104
06/14/93	• •			MSMSD2306140820		100.00	98.10	ug/L	98
06/14/93				MSMSD2306140820		100.00	107.00	ug/L	107
06/14/93				MSMSD2306140820		100.00	103.00	ug/L	103
O6/15/93   LCS				MSMSD2306140820		100.00	94.90	ug/L	95
06/15/93				MSMSD2306150816		100.00	96.20	ug/L	96
06/15/93				MSMSD2306150816		100.00	96.20	ug/L	96
06/15/93				MSMSD2306150816		100.00	103.00	ug/L	103
06/16/93 LCS MSMSD2306160814 100.00 91.40 ug/L 98 06/16/93 LCSD MSMSD2306160814 100.00 97.60 ug/L 98 06/22/93 LCS MSMSD2306220822 100.00 106.00 ug/L 106 06/22/93 LCS MSMSD2306220822 100.00 106.00 ug/L 109 06/22/93 LCS MSMSD2306230826 100.00 97.60 ug/L 109 06/23/93 LCS MSMSD2306230826 100.00 97.60 ug/L 98 06/23/93 LCS MSMSD2306230826 100.00 97.60 ug/L 98 06/24/93 LCS MSMSD2306230826 100.00 97.60 ug/L 98 06/24/93 LCS MSMSD2306240908 100.00 101.00 ug/L 101 06/24/93 LCSD MSMSD2306240908 100.00 101.00 ug/L 101 06/24/93 LCSD MSMSD2306240908 100.00 101.00 ug/L 101 06/24/93 LCSD MSMSD2308070819 100.00 85.80 ug/L 86 08/07/93 LCS MSMSD2308070819 100.00 85.80 ug/L 86 08/07/93 LCS MSMSD2308070819 100.00 85.80 ug/L 86 08/07/93 LCS MSMSD2308070819 100.00 94.50 ug/L 95 09/24/93 LCS MSMSD2309240819 100.00 94.50 ug/L 95 10/08/93 LCS MSMSD2309240819 100.00 94.70 ug/L 95 10/08/93 LCS MSMSD2309240819 100.00 97.90 ug/L 95 10/08/93 LCS MSMSD2309240819 100.00 97.90 ug/L 95 10/08/93 LCS MSMSD230080817 100.00 97.90 ug/L 97 10/11/93 LCS MSMSD231010812 100.00 97.40 ug/L 97 10/11/93 LCS MSMSD231010812 100.00 97.40 ug/L 97 10/11/93 LCS MSMSD231010812 100.00 97.40 ug/L 97 10/11/93 LCS MSMSD231010812 100.00 97.20 ug/L 99 08/17/93 LCS MSMSD2306231041 100.00 97.20 ug/L 99 08/17/93 LCS MSMSD2306231041 100.00 97.20 ug/L 99 08/17/93 LCS MSMSD2306231041 100.00 101.00 ug/L 101 08/17/93 LCS MSMSD23082851013 100.00 101.00 ug/L 101 08/17/93 LCS MSMSD2308251013 100.00 101.00 ug/L 101 08/17/93 LCS MSMSD2308251013 100.00 86.30 ug/L 85 09/20/93 LCS MSMSD230920450 100.00 100.00 100.00 ug/L 101 08/25/93 LCS MSMSD230920450 100.00 100.00 100.00 ug/L 101 08/25/93 LCS MSMSD230920450 100.00 100.00 100.00 ug/L 101				MSMSD2306150816		100.00	103.00	ug/L	103
06/16/93				MSMSD2306160814		100.00	91.40	ug/L	91
06/22/93				MSMSD2306160814		100.00	97.60	ug/L	98
06/23/93				MSMSD2306220822		100.00	106.00	ug/L	106
06/23/93	06/22/93	LCSD		MSMSD2306220822		100.00	109.00	ug/L	109
O6/24/93		LCS		MSMSD2306230826		100.00	97.60	ug/L	98
06/24/93	06/23/93	LCSD		MSMSD2306230826		100.00	100.00	ug/L	100
06/24/93		LCS		MSMSD2306240908	-	100.00	98.30	ug/L	98
MSMSD2306240908   100.00   101.00   ug/L   101	06/24/93			MSMSD2306240908		100.00	101.00	ug/L	101
08/07/93 LCS MSMSD2308070819 100.00 85.80 ug/L 86 08/07/93 LCSD MSMSD2308070819 100.00 83.60 ug/L 84 09/24/93 LCS MSMSD2308240819 100.00 94.50 ug/L 95 09/24/93 LCS MSMSD2309240819 100.00 94.50 ug/L 95 10/08/93 LCS MSMSD2309240819 100.00 94.70 ug/L 95 10/08/93 LCS MSMSD2310080817 100.00 97.90 ug/L 98 10/08/93 LCSD MSMSD2310080817 100.00 97.40 ug/L 97 10/11/93 LCS MSMSD231010812 100.00 101.00 ug/L 101 10/11/93 LCSD MSMSD2310110812 100.00 95.20 ug/L 95  Number of Samples : 36 Below acceptance : 0 Mean % Recovery : 98.7 Above acceptance : 0 Standard Deviation : 7.96 Acceptance Criteria D-152  Method : SW8270 - Semivolatile Organics  Spiked Analyte : Hexachlorobutadiene  Type of Spike : Laboratory Control  06/23/93 LCS MSMSD1306231041 100.00 93.20 ug/L 93 06/23/93 LCS MSMSD1306231041 100.00 92.30 ug/L 92 08/17/93 LCS MSMSD1306231041 100.00 92.30 ug/L 92 08/17/93 LCS MSMSD1308171507 100.00 101.00 ug/L 101 08/17/93 LCS MSMSD1308171507 100.00 101.00 ug/L 101 08/25/93 LCS MSMSD1308251013 100.00 104.00 ug/L 101 08/25/93 LCS MSMSD1308251013 100.00 85.30 ug/L 85 09/20/93 LCS MSMSD1308251013 100.00 85.30 ug/L 85	06/24/93	LCSD		MSMSD2306240908	*	100.00	101.00	ug/L	101
08/07/93				MSMSD2306240908		100.00	101.00	ug/L	101
08/07/93				MSMSD2308070819		100.00	85.80	ug/L	86
09/24/93				MSMSD2308070819		100.00	83.60	ug/L	84
09/24/93	09/24/93			MSMSD2309240819		100.00	94.50	ug/L	95
10/08/93	09/24/93	LCSD		MSMSD2309240819		100.00	94.70	ug/L	95
10/11/93	10/08/93	LCS		MSMSD2310080817		100.00	97.90	ug/L	98
Number of Samples   36   Below acceptance   0   Mean % Recovery   98.7   Above acceptance   0   Acceptance Criteria   D-152      Method   SW8270 - Semivolatile Organics   Spiked Analyte   Hexachlorobutadiene      Type of Spike   Laboratory Control      O6/23/93   LCS   MSMSD1306231041   100.00   93.20   ug/L   93   06/23/93   LCS   MSMSD1306231041   100.00   92.30   ug/L   92   08/17/93   LCS   MSMSD1306231041   100.00   92.30   ug/L   92   08/17/93   LCS   MSMSD1306231041   100.00   101.00   ug/L   101   08/25/93   LCS   MSMSD1308171507   100.00   101.00   ug/L   104   08/25/93   LCS   MSMSD1308251013   100.00   101.00   ug/L   101   08/25/93   LCS   MSMSD1308251013   100.00   85.30   ug/L   85   09/20/93   LCS   MSMSD1309201450   100.00   100.00   ug/L   100	10/08/93	LCSD		MSMSD2310080817		100.00	97.40	ug/L	97
Number of Samples   36	10/11/93	LCS		MSMSD2310110812		100.00	101.00	ug/L	101
Mean % Recovery       : 98.7       Above acceptance : 0         Standard Deviation       7.96       Acceptance Criteria       D-152     Method : SW8270 - Semivolatile Organics  Spiked Analyte : Hexachlorobutadiene  Type of Spike : Laboratory Control  O6/23/93		LCSD		MSMSD2310110812		100.00	95.20	ug/L	95
Standard Deviation         : 7.96         Acceptance Criteria         D-152           Method: SW8270 - Semivolatile Organics           Spiked Analyte: Hexachlorobutadiene           Type of Spike: Laboratory Control           06/23/93 LCS         MSMSD1306231041         100.00         93.20         ug/L 93           06/23/93 LCSD         MSMSD1306231041         100.00         92.30         ug/L 92           08/17/93 LCS         MSMSD1308171507         100.00         101.00         ug/L 101           08/25/93 LCSD         MSMSD1308251013         100.00         101.00         ug/L 101           08/25/93 LCSD         MSMSD1308251013         100.00         85.30         ug/L 85           09/20/93 LCS         MSMSD1309201450         100.00         100.00         ug/L 100							0		
Method : SW8270 - Semivolatile Organics Spiked Analyte : Hexachlorobutadiene  Type of Spike : Laboratory Control   O6/23/93	Mean % Reco	very							
Spiked Analyte: Hexachlorobutadiene         Type of Spike: Laboratory Control         06/23/93       LCS       MSMSD1306231041       100.00       93.20       ug/L       93         06/23/93       LCSD       MSMSD1306231041       100.00       92.30       ug/L       92         08/17/93       LCS       MSMSD1308171507       100.00       101.00       ug/L       101         08/25/93       LCS       MSMSD1308251013       100.00       101.00       ug/L       101         08/25/93       LCS       MSMSD1308251013       100.00       85.30       ug/L       85         09/20/93       LCS       MSMSD1309201450       100.00       100.00       ug/L       100	Standard De	viation	: 7.:	96	Acceptance Cr	riteria	D-152		
Type of Spike : Laboratory Control    06/23/93			Organics						
06/23/93         LCSD         MSMSD1306231041         100.00         92.30         ug/L         92           08/17/93         LCS         MSMSD1308171507         100.00         101.00         ug/L         101           08/17/93         LCSD         MSMSD1308171507         100.00         104.00         ug/L         104           08/25/93         LCS         MSMSD1308251013         100.00         101.00         ug/L         101           08/25/93         LCSD         MSMSD1308251013         100.00         85.30         ug/L         85           09/20/93         LCS         MSMSD1309201450         100.00         100.00         ug/L         100	Type of Spike : Labora	tory Control							
06/23/93         LCSD         MSMSD1306231041         100.00         92.30         ug/L         92           08/17/93         LCS         MSMSD1308171507         100.00         101.00         ug/L         101           08/17/93         LCSD         MSMSD1308171507         100.00         104.00         ug/L         104           08/25/93         LCS         MSMSD1308251013         100.00         101.00         ug/L         101           08/25/93         LCSD         MSMSD1308251013         100.00         85.30         ug/L         85           09/20/93         LCS         MSMSD1309201450         100.00         100.00         ug/L         100	06/23/93	LCS		MSMSD1306231041		100.00	93.20	ug/L	93
08/17/93         LCS         MSMSD1308171507         100.00         101.00         ug/L         101           08/17/93         LCSD         MSMSD1308171507         100.00         104.00         ug/L         104           08/25/93         LCS         MSMSD1308251013         100.00         101.00         ug/L         101           08/25/93         LCSD         MSMSD1308251013         100.00         85.30         ug/L         85           09/20/93         LCS         MSMSD1309201450         100.00         100.00         ug/L         100								-	
08/17/93         LCSD         MSMSD1308171507         100.00         104.00         ug/L         104           08/25/93         LCS         MSMSD1308251013         100.00         101.00         ug/L         101           08/25/93         LCSD         MSMSD1308251013         100.00         85.30         ug/L         85           09/20/93         LCS         MSMSD1309201450         100.00         100.00         ug/L         100									
08/25/93         LCS         MSMSD1308251013         100.00         101.00         ug/L         101           08/25/93         LCSD         MSMSD1308251013         100.00         85.30         ug/L         85           09/20/93         LCS         MSMSD1309201450         100.00         100.00         ug/L         100					,				
08/25/93 LCSD MSMSD1308251013 100.00 85.30 ug/L 85 09/20/93 LCS MSMSD1309201450 100.00 100.00 ug/L 100									
09/20/93 LCS MSMSD1309201450 100.00 100.00 ug/L 100									
09/20/93 LCSD MSMSD1309201450 .100.00 105.00 ua/l 105	09/20/93	LCSD		MSMSD1309201450		100.00	105.00	ug/L ug/L	105

DATE ANALYZED	SAMPLE ID	BATCH' ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 iked Analyte : Hexach	- Semivolatile Orga						
oe of Spike : Laborat							
09/23/93	LCS	MSMSD1309230953		100.00	95.00 *	ug/L	95
09/23/93	LCSD	MSMSD1309230953		100.00	95.30 *	ug/L	95
06/14/93	LCS	MSMSD2306140820		100.00	94.80	ug/L	95
06/14/93	LCS	MSMSD2306140820		100.00	99.20	ug/L	99
06/14/93	LCSD	MSMSD2306140820		100.00	95.50	ug/L	96
06/14/93	LCSD	MSMSD2306140820		100.00	91.50	ug/L	92
06/15/93	LCS	MSMSD2306150816		100.00	93.00	ug/L	93
06/15/93	LCS	MSMSD2306150816		100.00	93.00	ug/L	93
06/15/93	LCSD	MSMSD2306150816		100.00	98.50	ug/L	98
06/15/93	LCSD	MSMSD2306150816		100.00	98.50	ug/L	98
06/16/93	LCS	MSMSD2306160814		100.00	90.90	ug/L	91
06/16/93	LCSD	MSMSD2306160814		100.00	97.60	ug/L	98
06/22/93	LCS	MSMSD2306220822		100.00	99.40	ug/L	99
06/22/93	LCSD	MSMSD2306220822		100.00	102.00	ug/L	102
06/23/93	LCS	MSMSD2306230826		100.00	90.60	ug/L	91
06/23/93	LCSD	MSMSD2306230826		100.00	94.90	ug/L	95
06/24/93	LCS	MSMSD2306240908		100.00	99.20	ug/L	99
06/24/93	LCS	MSMSD2306240908		100.00	88.60	ug/L	89
06/24/93	LCSD	MSMSD2306240908		100.00	95.70	ug/L	96
06/24/93	LCSD	MSMSD2306240908		100.00	93.00	ug/L	93
08/07/93	LCS	MSMSD2308070819		100.00	80.00	ug/L	80
08/07/93	LCSD	MSMSD2308070819		100.00	81.20	ug/L	81
09/24/93	LCS	MSMSD2309240819		100.00	87.00	ug/L	87
09/24/93	LCSD	MSMSD2309240819		100.00	87.20	ug/L	87
10/08/93	LCS	MSMSD2310080817		100.00	89.50	ug/L	90
10/08/93	LCSD	MSMSD2310080817		100.00	85.80	ug/L	86
10/11/93	LCS	MSMSD2310110812		100.00	93.30	ug/L	93
10/11/93	LCSD	MSMSD2310110812		100.00	87.50	ug/L	87
Number of S	amples :	36	Below acceptar	nce :	 0		
Mean % Reco	very :	93.9	Above acceptar	nce :	0		
Standard De	viation :	6.05	Acceptance Cri		4-116		

Method : SW8270 - Semivolatile Organics Spiked Analyte : Hexachlorocyclopentadiene

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	79.10	ug/L	79
06/23/93	LCSD	MSMSD1306231041	100.00	103.00	ug/L	103
08/17/93	LCS	MSMSD1308171507	100.00	128.00	ug/L	128
08/17/93	LCSD	MSMSD1308171507	100.00	137.00	ug/L	137
08/25/93	LCS	MSMSD1308251013	100.00	125.00	ug/L	125
08/25/93	LCSD	MSMSD1308251013	100.00	104.00	ug/L	104
09/20/93	LCS	MSMSD1309201450	100.00	102.00	ug/L	102

Date Compiled: 30 April 1994

ND = Not Detected

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DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 Spiked Analyte : Hexach	- Semivolatile Organ Norocyclopentadiene o						

Tuno	٥f	Snika		Laboratory	Control	
voe	OΤ	SDIKE	•	Laboratory	CONTROL	

09/20/93	LCSD	MSMSD1309201450	100.00	125.00	ug/L	125
06/14/93	LCS	MSMSD2306140820	100.00	134.00	ug/L	134
06/14/93	LCS	MSMSD2306140820	100.00	143.00	ug/L	143
06/14/93	LCSD	MSMSD2306140820	100.00	140.00	ug/L	140
06/14/93	LCSD	MSMSD2306140820	100.00	131.00	ug/L	131
06/15/93	LCS	MSMSD2306150816	100.00	95.10	ug/L	95
06/15/93	LCS	MSMSD2306150816	100.00	95.10	ug/L	95
06/15/93	LCSD	MSMSD2306150816	100.00	105.00	ug/L	105
06/15/93	LCSD	MSMSD2306150816	100.00	105.00	ug/L	105
06/16/93	LCS	MSMSD2306160814	100.00	84.00	ug/L	84
06/16/93	LCSD	MSMSD2306160814	100.00	94.00	ug/L	94
06/22/93	LCS	MSMSD2306220822	100.00	127.00	ug/L	127
06/22/93	LCSD	MSMSD2306220822	100.00	124.00	ug/L	124
06/23/93	LCS	MSMSD2306230826	100.00	104.00	ug/L	104
06/23/93	LCSD	MSMSD2306230826	100.00	113.00	ug/L	113
06/24/93	LCS	MSMSD2306240908	100.00	97.00	· ug/L	97
06/24/93	LCS	MSMSD2306240908	100.00	115.00	ug/L	115
06/24/93	LCSD	MSMSD2306240908	100.00	109.00	ug/L	1 <b>0</b> 9
06/24/93	LCSD	MSMSD2306240908	100.00	91.50	ug/L	91
08/07/93	LCS	MSMSD2308070819	100.00	84.60	ug/L	85
08/07/93	LCSD	MSMSD2308070819	100.00	89.80	ug/L	90
09/24/93	LCS	MSMSD2309240819	100.00	89.80	ug/L	90
09/24/93	LCSD	MSMSD2309240819	100.00	82.30	ug/L	82
10/08/93	LCS	MSMSD2310080817	100.00	93.70	ug/L	94
10/08/93	LCSD	MSMSD2310080817	100.00	97.20	ug/L	97
10/11/93	LCS	MSMSD2310110812	100.00	92.40	ug/L	92
10/11/93	LCSD	MSMSD2310110812	100.00	94.10	ug/L	94

Number of Samples : 34 Mean % Recovery : 106.9 Standard Deviation : 18.27 Below acceptume:
Above acceptance:

NS

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Hexachloroethane

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	79.00	ug/L	79
06/23/93	LCSD	MSMSD1306231041	100.00	85.60	ug/L	86
08/17/93	LCS	MSMSD1308171507	100.00	92.90	ug/L	93
08/17/93	LCSD	MSMSD1308171507	100.00	98.30	ug/L	98
08/25/93	LCS	MSMSD1308251013	100.00	95.10	ug/L	95
08/25/93	LCSD	MSMSD1308251013	100.00	86.90	ug/L	87
09/20/93	LCS	MSMSD1309201450	100.00	83.30	ug/L	83
09/20/93	LCSD	MSMSD1309201450	100.00	91.70	ug/L	92

Date Compiled: 30 April 1994

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NC = Not Calculable

Semivolatile roethane cont y Control	_					
roethane cont	_					
y Control						
LCS		MSMSD1309230953	100.0	0 85.50 *	ug/L	86
LCSD		MSMSD1309230953	100.0	0 80.40 *	ug/L	80
LCS		MSMSD2306140820	100.0	0 91.60		
LCS		MSMSD2306140820	100.0	0 94.80		95
LCSD		MSMSD2306140820	100.0			91
LCSD		MSMSD2306140820				96
LCS		MSMSD2306150816			_	88
LCS		MSMSD2306150816				88
LCSD		MSMSD2306150816				93
				•		93
						87
						93
						102
						102
						89 95
						95
						88
						91
						93
						83
						83
						94
						97
					-	93
					_	88
LCSD		MSMSD2310110812			_	96 94
les	: 36		Relow accentance :	0		
			'			
tion	: 5.64					
•	LCS LCSD LCSD LCSD LCSD LCSD LCSD LCSD L	LCS LCSD LCSD LCSD LCSS LCSD LCSD LCSD L	LCS	LCS MSMSD2306140820 100.0  LCSD MSMSD2306140820 100.0  LCSD MSMSD2306140820 100.0  LCSD MSMSD2306140820 100.0  LCS MSMSD2306150816 100.0  LCS MSMSD2306150816 100.0  LCS MSMSD2306150816 100.0  LCSD MSMSD2306160814 100.0  LCSD MSMSD2306160814 100.0  LCSD MSMSD230620822 100.0  LCSD MSMSD2306230826 100.0  LCSD MSMSD2306240908 100.0  LCS MSMSD2306240908 100.0  LCS MSMSD2306240908 100.0  LCSD MSMSD2308070819 100.0  LCSD MSMSD2309240819 100.0  LCSD MSMSD2309240819 100.0  LCSD MSMSD231010812 100.0  LCSD MSMSD231010812 100.0  LCSD MSMSD231010812 100.0  LCSD MSMSD2310110812 100.0  LCSD MSMSD231011	LCS MSMSD2306140820 100.00 91.60  LCS MSMSD2306140820 100.00 94.80  LCSD MSMSD2306140820 100.00 90.60  LCSD MSMSD2306140820 100.00 95.90  LCS MSMSD2306150816 100.00 87.90  LCS MSMSD2306150816 100.00 93.00  LCSD MSMSD2306160814 100.00 87.10  LCSD MSMSD2306160814 100.00 93.40  LCS MSMSD2306160814 100.00 93.40  LCS MSMSD230620822 100.00 102.00  LCSD MSMSD230620822 100.00 104.00  LCSD MSMSD230620822 100.00 104.00  LCSD MSMSD230620826 100.00 89.00  LCSD MSMSD2306230826 100.00 95.20  LCS MSMSD2306240908 100.00 95.30  LCS MSMSD2306240908 100.00 93.10  LCSD MSMSD2306240908 100.00 93.10  LCSD MSMSD2306240908 100.00 93.10  LCSD MSMSD2308070819 100.00 82.60  LCSD MSMSD2308070819 100.00 93.90  LCSD MSMSD2308040819 100.00 96.90  LCSD MSMSD2308040819 100.00 96.90  LCSD MSMSD2309240819 100.00 96.20  LCSD MSMSD23101080817 100.00 92.90  LCSD MSMSD23101080817 100.00 92.90  LCSD MSMSD231010812 100.00 93.90  LCSD MSMSD231010812 100.00 93.90  LCSD MSMSD2310110812 100.00 93.90  LCSD MSMSD2310110812 100.00 93.90  LCSD MSMSD2310110812 100.00 93.90	LCS

		•				
06/23/93	LCS	MSMSD1306231041	100.00	78.90	ug/L	79
06/23/93	LCSD	MSMSD1306231041	100.00	83.60	ug/L	84
08/17/93	LCS	MSMSD1308171507	100.00	86.80	ug/L	87
08/17/93	LCSD	MSMSD1308171507	100.00	94.00	ug/L	94
08/25/93	LCS	MSMSD1308251013	100.00	83.50	ug/L	83
08/25/93	LCSD	MSMSD1308251013	100.00	80.60	ug/L	81
09/20/93	LCS	MSMSD1309201450	100.00	95.20	ug/L	95

Date Compiled: 30 April 1994 ND = Not Detected

NC = Not Calculable NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8270 - Semivolatile Organics Spiked Analyte : Indeno(1,2,3-cd)pyrene continued

Type of Spike : Laboratory Control

0	9/20/93	LCSD	MSMSD1309201450	100.00	98.90	ug/L	99
0	9/23/93	LCS	MSMSD1309230953	100.00	84.60 *	ug/L	85
0	9/23/93	LCSD	MSMSD1309230953	100.00	82.30 *	ug/L	82
0	6/14/93	LCS	MSMSD2306140820	100.00	93.50	ug/L	93
0	6/14/93	LCS	MSMSD2306140820	100.00	103.00	ug/L	103
0	6/14/93	LCSD	MSMSD2306140820	100.00	102.00	ug/L	102
0	6/14/93	LCSD	MSMSD2306140820	100.00	93.90	ug/L	94
0	6/15/93	LCS	MSMSD2306150816	100.00	83.60	ug/L	84
0	6/15/93	LCS	MSMSD2306150816	100.00	83.60	ug/L	84
0	6/15/93	LCSD	MSMSD2306150816	100.00	102.00	ug/L	102
0	6/15/93	LCSD	MSMSD2306150816	100.00	102.00	ug/L	102
0	6/16/93	LCS	MSMSD2306160814	100.00	81.20	ug/L	81
0	6/16/93	LCSD	MSMSD2306160814	100.00	87.00	ug/L	87
0	6/22/93	LCS	MSMSD2306220822	100.00	98.70	ug/L	99
0	6/22/93	LCSD	MSMSD2306220822	100.00	99.90	ug/L	100
0	6/23/93	LCS	MSMSD2306230826	100.00	88.00	ug/L	88
0	6/23/93	LCSD	MSMSD2306230826	100.00	90.80	ug/L	91
0	6/24/93	LCS	MSMSD2306240908	100.00	109.00	ug/L	109
0	6/24/93	LCS	MSMSD2306240908	100.00	91.90	ug/L	92
0	6/24/93	LCSD	MSMSD2306240908	100.00	95.30	ug/L	95
0	6/24/93	LCSD	MSMSD2306240908	100.00	106.00	ug/L	106
0	8/07/93	LCS	MSMSD2308070819	100.00	71.20	ug/L	71
0	8/07/93	LCSD	MSMSD2308070819	100.00	72.40	ug/L	72
0:	9/24/93	LCS	MSMSD2309240819	100.00	89.50	ug/L	90
0	9/24/93	LCSD	MSMSD2309240819	100.00	92.20	ug/L	92
1	0/08/93	LCS	MSMSD2310080817	100.00	85.60	ug/L	86
1	0/08/93	LCSD	MSMSD2310080817	100.00	87.40	ug/L	87
1	0/11/93	LCS	MSMSD2310110812	100.00	84.80	ug/L	85
1	0/11/93	LCSD	MSMSD2310110812	100.00	89.00	ug/L	89

Number of Samples : 36 Mean % Recovery : 90.4 Standard Deviation : 9.04 Below acceptance : 0
Above acceptance : 0
Acceptance Criteria D-171

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Isophorone

Type of Spike : Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	54.90	ug/L	55
06/23/93	LCSD	MSMSD1306231041	100.00	52.80	ug/L	53
08/17/93	LCS	MSMSD1308171507	100.00	62.40	ug/L	62
08/17/93	LCSD	MSMSD1308171507	100.00	65.30	ug/L	65
08/25/93	LCS	MSMSD1308251013	100.00	59.40	ug/L	59
08/25/93	LCSD	MSMSD1308251013	100.00	51.00	ug/L	51

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	- Semivolatile Or	ganics					
oiked Analyte : Isopho	rone continued						
pe of Spike : Laborat	ory Control						
09/20/93	LCS	MSMSD1309201450	10	00.00	76.90	ug/L	77
09/20/93	LCSD	MSMSD1309201450		00.00	81.90	ug/L	82
09/23/93	LCS	MSMSD1309230953		0.00	78.20 *	ug/L	78
09/23/93	LCSD	MSMSD1309230953		0.00	82.10 *	ug/L	82
06/14/93	LCS	MSMSD2306140820	10	0.00	63.00	ug/L	63
06/14/93	LCS	MSMSD2306140820		0.00	68.60	ug/L	69
06/14/93	LCSD	MSMSD2306140820		0.00	66.00	ug/L	66
06/14/93	LCSD	MSMSD2306140820		0.00	60.30	ug/L	60
06/15/93	LCS	MSMSD2306150816		0.00	59.60	ug/L	60
06/15/93	LCS	MSMSD2306150816		0.00	59.60	ug/L	60
06/15/93	LCSD	MSMSD2306150816		0.00	63.50	ug/L	63
06/15/93	LCSD	MSMSD2306150816		0.00	63.50	ug/L	63
06/16/93	LCS	MSMSD2306160814		0.00	57.20	ug/L	57
06/16/93	LCSD	MSMSD2306160814		0.00	62.80	ug/L	63
06/22/93	LCS	MSMSD2306220822		0.00	69.10	ug/L	69
06/22/93	LCSD	MSMSD2306220822		0.00	71.00	ug/L	71
06/23/93	LCS	MSMSD2306230826		0.00	59.90	ug/L	60
06/23/93	LCSD	MSMSD2306230826		0.00	63.50	ug/L	64
06/24/93	LCS	MSMSD2306240908		0.00	60.80	ug/L	61
06/24/93	LCS	MSMSD2306240908		0.00	64.10	ug/L	64
06/24/93	LCSD	MSMSD2306240908		0.00	63.50	ug/L	63
06/24/93	LCSD	MSMSD2306240908	10	0.00	61.70	-	62
08/07/93	LCS	MSMSD2308070819	10	0.00	54.40	ug/L	54
08/07/93	LCSD	MSMSD2308070819	10	0.00	54.20	_	54
09/24/93	LCS	MSMSD2309240819	10	0.00	68.90		69
09/24/93	LCSD	MSMSD2309240819		0.00	68.60		69
10/08/93	LCS	MSMSD2310080817	10	0.00	70.80		71
10/08/93	LCSD	MSMSD2310080817	10	0.00	69.80		70
10/11/93	LCS	MSMSD2310110812		0.00	71.10		71
10/11/93	LCSD	MSMSD2310110812	10	0.00	68.00		68
Number of Sa	amples :	36	Below acceptance	: (	)		
Mean % Recov	·	64.7	Above acceptance				
Standard Dev	viation :		Acceptance Crite		-196		

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable NR = Not Reported * = Value considered suspect, refer to QC report

NS = Not Specified

DATE	SAMPLE ID		DATCH IN	ORIG.	AMOUNT	AMOUNT	RESULT	
ANALYZED	SAMPLE ID		BATCH ID	RESULT	251VED	RECOVERED	UNIT 	RECOVE
Method : SW827 piked Analyte : N-Nit	0 - Semivolatile	_						
-								
Type of Spike : Labor	atory Control							
06/23/93	LCS		MSMSD1306231041		100.00	73.60	ug/L	74
06/23/93	LCSD		MSMSD1306231041		100.00	75.00	ug/L	75
08/17/93	LCS		MSMSD1308171507		100.00	91.20	ug/L	91
08/17/93	LCSD		MSMSD1308171507		100.00	97.00	ug/L	97
08/25/93	LCS		MSMSD1308251013		100.00	89.40	ug/L	89
08/25/93	LCSD		MSMSD1308251013		100.00	80.10	ug/L	80
09/20/93	LCS		MSMSD1309201450		100.00	104.00	ug/L	104
09/20/93	LCSD		MSMSD1309201450		100.00	115.00	ug/L	115
09/23/93	LCS		MSMSD1309230953		100.00	110.00 *	ug/L	110
09/23/93	LCSD		MSMSD1309230953		100.00	115.00 *	ug/L	115
06/14/93	LCS		MSMSD2306140820		100.00	83.80	ug/L	84
06/14/93	LCS		MSMSD2306140820		100.00	92.50	ug/L	92
06/14/93	LCSD		MSMSD2306140820		100.00	86.80	ug/L	87
06/14/93	LCSD		MSMSD2306140820		100.00	87.90	ug/L	88
06/15/93	LCS		MSMSD2306150816		100.00	82.90	ug/L	83
06/15/93	LCS		MSMSD2306150816		100.00	82.90	ug/L	83
06/15/93	LCSD		MSMSD2306150816		100.00	85.60	ug/L	86
06/15/93	LCSD		MSMSD2306150816		100.00	85.60	ug/L	86
06/16/93	LCS		MSMSD2306160814		100.00	78.20	ug/L	78
06/16/93	LCSD		MSMSD2306160814		100.00	84.20	ug/L	84
06/22/93	LCS		MSMSD2306220822		100.00	97.30	ug/L	97
06/22/93	LCSD		MSMSD2306220822		100.00	99.60	ug/L	100
06/23/93	LCS		MSMSD2306230826		100.00	81.30	ug/L	81
06/23/93	LCSD		MSMSD2306230826		100.00	87.50	ug/L	88
06/24/93	LCS		`MSMSD2306240908		100.00	85.20	ug/L	85
06/24/93	LCS		MSMSD2306240908		100.00	85.00	ug/L	85
06/24/93	LCSD		MSMSD2306240908		100.00	86.50	ug/L	86
06/24/93	LCSD		MSMSD2306240908		100.00	82.10	ug/L	82
08/07/93	LCS		MSMSD2308070819		100.00	79.60	ug/L	80
08/07/93	LCSD		MSMSD2308070819		100.00	77.30	ug/L	77
09/24/93	·LCS		MSMSD2309240819		100.00	92.90	ug/L	93
09/24/93	LCSD		MSMSD2309240819		100.00	93.90	ug/L	94
10/08/93	LCS		MSMSD2310080817		100.00	94.10	ug/L	94
10/08/93	LCSD		MSMSD2310080817		100.00	95.80	ug/L	96
10/11/93	LCS		MSMSD2310110812		100.00	90.50	ug/L	90
10/11/93	LCSD		MSMSD2310110812		100.00	89.60	ug/L	90
Number of	Samples	: 36		Below accepta	 ance :	0		
Mean % Rec	•	: 89.	4	Above accepta		0		
Standard Do	eviation	: 10.	06	Acceptance Cr	riteria	NS		
ives of Spike . Mathi	v Snika							
ype of Spike : Matri	х эртке					•		
09/20/93	06-MW-07-01		MSMSD1309201450	ND	107.00	101.00	ug/L	95
09/20/93	06-MW-07-01	W2D	MSMSD1309201450	ND	98.00	93.70	ug/L	96

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics Spiked Analyte : N-Nitroso-di-n-propylamine continued

Type of Spike : Matrix Spike

06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	75.00	ug/L	75
06/14/93	12-MW-02-DS-03 M	MSMSD2306140820	ND	100.00	74.00	ug/L	74
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	73.00	ug/L	72
06/15/93	07-MW-02-DS-03 M	MSMSD2306150816	ND	101.00	74.90	ug/L	74
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	81.90	ug/L	82
10/08/93	08-SW-01-DS-01	MSMSD2310080817	ND	100.00	81.20	ug/L	81

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 81.1 Above acceptance : 0
Standard Deviation : 9.54 Acceptance Criteria NS

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Naphthalene

06/23/93	LCS	MSMSD1306231041	100.00	81.30	ug/L	81
06/23/93	LCSD	MSMSD1306231041	100.00	84.90	ug/L	85
08/17/93	LCS	MSMSD1308171507	100.00	88.30	ug/L	88
08/17/93	LCSD	MSMSD1308171507	100.00	93.20	ug/L	93
08/25/93	LCS	MSMSD1308251013	100.00	91.30	ug/L	91
08/25/93	LCSD	MSMSD1308251013	100.00	76.30	ug/L	76
09/20/93	LCS	MSMSD1309201450	100.00	92.60	ug/L	93
09/20/93	LCSD	MSMSD1309201450	100.00	97.90	ug/L	98
09/23/93	LCS	MSMSD1309230953	100.00	89.40 *	ug/L	89
09/23/93	LCSD	MSMSD1309230953	100.00	86.80 *	ug/L	87
06/14/93	LCS	MSMSD2306140820	100.00	97.00	ug/L	97
06/14/93	LCS	MSMSD2306140820	100.00	99.40	ug/L	99
06/14/93	LCSD	MSMSD2306140820	100.00	97.50	ug/L	97
06/14/93	LCSD	MSMSD2306140820	100.00	90.70	ug/L	91
06/15/93	.LCS	MSMSD2306150816	100.00	89.50	ug/L	89
06/15/93	LCS	MSMSD2306150816	100.00	89.50	ug/L	89
06/15/93	LCSD	MSMSD2306150816	100.00	95.00	ug/L	95
06/15/93	LCSD	MSMSD2306150816	100.00	95.00	ug/L	95
06/16/93	LCS	MSMSD2306160814	100.00	89.40	ug/L	89
06/16/93	LCSD	MSMSD2306160814	100.00	102.00	ug/L	102
06/22/93	LCS	MSMSD2306220822	100.00	100.00	ug/L	100
06/22/93	LCSD	MSMSD2306220822	100.00	103.00	ug/L	103
06/23/93	LCS	MSMSD2306230826	100.00	91.20	ug/L	91
06/23/93	LCSD	MSMSD2306230826	100.00	95.80	ug/L	96
06/24/93	LCS	MSMSD2306240908	100.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908	100.00	96.80	ug/L	97
06/24/93	LCSD	MSMSD2306240908	100.00	94.70	ug/L	95
06/24/93	LCSD	MSMSD2306240908	100.00	94.60	ug/L	95
08/07/93	LCS	MSMSD2308070819	100.00	82.90	ug/L	83

	DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	RECOVERY
)								

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Naphthalene continued

Type of Spike : Laboratory Control

LCSD	MSMSD2308070819	100.00	83.80	ug/L	84
LCS	MSMSD2309240819	100.00	95.00	ug/L	95
LCSD	MSMSD2309240819	100.00	94.40	ug/L	94
LCS	MSMSD2310080817	100.00	97.80	ug/L	98
LCSD	MSMSD2310080817	100.00	93.40	ug/L	93
LCS	MSMSD2310110812	100.00	99.90	ug/L	100
LCSD	MSMSD2310110812	100.00	94.30	ug/L	94
	LCS LCSD LCS LCSD LCS	LCS MSMSD2309240819 LCSD MSMSD2309240819 LCS MSMSD2310080817 LCSD MSMSD2310080817 LCS MSMSD2310110812	LCS       MSMSD2309240819       100.00         LCSD       MSMSD2309240819       100.00         LCS       MSMSD2310080817       100.00         LCSD       MSMSD2310080817       100.00         LCS       MSMSD2310110812       100.00	LCS       MSMSD2309240819       100.00       95.00         LCSD       MSMSD2309240819       100.00       94.40         LCS       MSMSD2310080817       100.00       97.80         LCSD       MSMSD2310080817       100.00       93.40         LCS       MSMSD2310110812       100.00       99.90	LCS       MSMSD2309240819       100.00       95.00       ug/L         LCSD       MSMSD2309240819       100.00       94.40       ug/L         LCS       MSMSD2310080817       100.00       97.80       ug/L         LCSD       MSMSD2310080817       100.00       93.40       ug/L         LCS       MSMSD2310110812       100.00       99.90       ug/L

Number of Samples : 36 Below acceptance : 0
Mean % Recovery : 92.6 Above acceptance : 0
Standard Deviation : 5.99 Acceptance Criteria 21-133

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Nitrobenzene

06/23/93	LCS	MSMSD1306231041	100.00	78.20	ug/L	78
06/23/93	LCSD	MSMSD1306231041	100.00	79.80	ug/L	80
08/17/93	LCS	MSMSD1308171507	100.00	92.90	ug/L	93
08/17/93	LCSD	MSMSD1308171507	100.00	100.00	ug/L	100
08/25/93	LCS	MSMSD1308251013	100.00	89.80	ug/L	90
08/25/93	LCSD	MSMSD1308251013	100.00	78.20	ug/L	78
09/20/93	LCS	MSMSD1309201450	100.00	103.00	ug/L	103
09/20/93	LCSD	MSMSD1309201450	100.00	107.00	ug/L	107
09/23/93	LCS	MSMSD1309230953	100.00	106.00 *	ug/L	106
09/23/93	LCSD	MSMSD1309230953	100.00	108.00 *	ug/L	108
06/14/93	LCS	MSMSD2306140820	100.00	96.70	ug/L	97
06/14/93	LCS	MSMSD2306140820	100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820	100.00	98.50	ug/L	99
06/14/93	LCSD	MSMSD2306140820	100.00	92.10	ug/L	92
06/15/93	LCS	MSMSD2306150816	100.00	90.60	ug/L	91
06/15/93	LCS	MSMSD2306150816	100.00	90.60	ug/L	91
06/15/93	LCSD	MSMSD2306150816	100.00	96.50	ug/L	96
06/15/93	LCSD	MSMSD2306150816	100.00	96.50	ug/L	96
06/16/93	LCS	MSMSD2306160814	100.00	87.70	ug/L	88
06/16/93	LCSD	MSMSD2306160814	100.00	94.80	ug/L	95
06/22/93	LCS	MSMSD2306220822	100.00	103.00	ug/L	103
06/22/93	LCSD	MSMSD2306220822	100.00	105.00	ug/L	105
06/23/93	LCS	MSMSD2306230826	100.00	92.20	ug/L	92
06/23/93	LCSD	MSMSD2306230826	100.00	96.60	ug/L	97
06/24/93	LCS	MSMSD2306240908	100.00	96.50	ug/L	97
06/24/93	LCS	MSMSD2306240908	100.00	89.20	ug/L	89
06/24/93	LCSD	MSMSD2306240908	100.00	92.80	ug/L	93
06/24/93	LCSD	MSMSD2306240908	100.00	95.40	ug/L	95

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	) - Semivolatile Orga	nics		•			
Spiked Analyte : Nitrob	enzene continued						
Type of Spike : Laborat	cory Control						
08/07/93	LCS	MSMSD2308070819		100.00	82.10	ug/L	82
08/07/93	LCSD	MSMSD2308070819		100.00	83.00	ug/L	83
09/24/93	LCS	MSMSD2309240819		100.00	92.70	ug/L	93
09/24/93	LCSD	MSMSD2309240819		100.00	92.00	ug/L	92
10/08/93	LCS	MSMSD2310080817		100.00	96.90	ug/L	97
10/08/93	LCSD	MSMSD2310080817		100.00	94.00	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	96.60	ug/L	97
10/11/93	LCSD	MSMSD2310110812		100.00	91.10	ug/L	91
Number of S	amples :	36	Below accepta	nce ·	 0		
Mean % Reco		94.2	Above accepta		0		

Acceptance Criteria 35-180

Method : SW8270 - Semivolatile Organics

Standard Deviation : 7.71

Spiked Analyte : Pentachlorophenol

06/23/93	LCS	MSMSD1306231041	100.00	63.80	ug/L	64
06/23/93	LCSD	MSMSD1306231041	100.00	63.90	ug/L	64
08/17/93	LCS	MSMSD1308171507	100.00	86.90	ug/L	87
08/17/93	LCSD	MSMSD1308171507	100.00	92.20	ug/L	92
08/25/93	LCS	MSMSD1308251013	100.00	74.30	ug/L	74
08/25/93	LCSD	MSMSD1308251013	100.00	67.80	ug/L	68
09/20/93	LCS	MSMSD1309201450	100.00	81.90	ug/L	82
09/20/93	LCSD	MSMSD1309201450	100.00	84.20	ug/L	84
09/23/93	LCS	MSMSD1309230953	100.00	63.90 *	ug/L	64
09/23/93	LCSD	MSMSD1309230953	100.00	65.10 *	ug/L	65
06/14/93	LCS	MSMSD2306140820	100.00	90.20	ug/L	90
06/14/93	LCS	MSMSD2306140820	100.00	91.50	ug/L	91
06/14/93	LCSD	MSMSD2306140820	100.00	87.70	ug/L	88
06/14/93	LCSD	MSMSD2306140820	100.00	85.00	ug/L	85
06/15/93	LCS	MSMSD2306150816	100.00	81.20	ug/L	81
06/15/93	LCS	MSMSD2306150816	100.00	81.20	ug/L	81
06/15/93	LCSD	MSMSD2306150816	100.00	90.40	ug/L	90
06/15/93	LCSD	MSMSD2306150816	100.00	90.40	ug/L	90
06/16/93	LCS	MSMSD2306160814	100.00	83.00	ug/L	83
06/16/93	LCSD	MSMSD2306160814	100.00	93.10	ug/L	93
06/22/93	LCS	MSMSD2306220822	100.00	90.50	ug/L	91
06/22/93	LCSD	MSMSD2306220822	100.00 ·	96.80	ug/L	97
06/23/93	LCS	MSMSD2306230826	100.00	86.40	•	86
06/23/93	LCSD	MSMSD2306230826	100.00	89.00	-	89
06/24/93	LCS	MSMSD2306240908	100.00	85.20		85
06/24/93	LCS	MSMSD2306240908	100.00	82.00		82
06/24/93	LCSD	MSMSD2306240908	100.00	87.20		87
					J.	

	DATE					ORIG.	AMOUNT	AMOUNT	RESULT	
	ANALYZED	SAMPLE	ID 		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
4.	+bad - 010070	) Camina 1 - 1	:1. 0	nie-						
	ethod : SW8270 alyte : Pentac		_							
ype of Sp	oike : Laborat	cory Control								
	06/24/93	LCSD			MSMSD2306240908		100.00	87.60	ug/L	88
	08/07/93	LCS			MSMSD2308070819		100.00	69.30	ug/L	69
	08/07/93	LCSD			MSMSD2308070819		100.00	63.10	ug/L	63
	09/24/93	LCS			MSMSD2309240819		100.00	73.00	ug/L	73
	09/24/93	LCSD			MSMSD2309240819		100.00	73.30	ug/L	73
	10/08/93	LCS			MSMSD2310080817		100.00	64.60	ug/L	65
	10/08/93	LCSD			MSMSD2310080817		100.00	63.90	ug/L	64
	10/11/93	LCS			MSMSD2310110812		100.00	66.00	ug/L	66
	10/11/93	LCSD			MSMSD2310110812		100.00	65.80	ug/L	66
	Number of S		:	36		Below accepta	ance :	0		
	Mean % Reco	very	:	79.4		Above accepta	ance :	0		
	Standard De	eviation	:	10.84		Acceptance Co	riteria :	4-176		
	09/20/93	06-MW-07	7-01 MS		MSMSD1309201450	ND	214.00	159.00	ug/L	74
	09/20/93	06-MW-07			MSMSD1309201450	ND	196.00	143.00	ug/L	73
	06/14/93	12-MW-02		И	MSMSD2306140820	ND	200.00	149.00	ug/L	75
	06/14/93		2-DS-03 N		MSMSD2306140820	ND		150.00	_	75
							700.00		110/	
							200.00 202.00		ug/L ua/l	
	06/15/93	07-MW-02	2-DS-03 N	4	MSMSD2306150816	ND	202.00	164.00	ug/L	81
	06/15/93 06/15/93	07-MW-02 07-MW-02	?-DS-03 N ?-DS-03 N	4	MSMSD2306150816 MSMSD2306150816	ND ND	202.00 202.00	164.00 157.00	ug/L ug/L	81 78
	06/15/93	07-MW-02	2-DS-03 N 2-DS-03 N DS-01	4	MSMSD2306150816	ND	202.00	164.00	ug/L	81
	06/15/93 06/15/93 10/08/93 10/08/93	07-MW-02 07-MW-02 08-SW-01 08-SW-03	2-DS-03 N 2-DS-03 N DS-01	4 	MSMSD2306150816 MSMSD2306150816 MSMSD2310080817	ND ND ND ND	202.00 202.00 200.00 200.00	164.00 157.00 140.00 140.00	ug/L ug/L ug/L	81 78 70
	06/15/93 06/15/93 10/08/93	07-MW-02 07-MW-02 08-SW-03 08-SW-03	2-DS-03 M 2-DS-03 M 3-DS-01 3-DS-01	4 4  8	MSMSD2306150816 MSMSD2306150816 MSMSD2310080817	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00	164.00 157.00 140.00	ug/L ug/L ug/L	81 78 70
	06/15/93 06/15/93 10/08/93 10/08/93 Number of S	07-MW-02 07-MW-02 08-SW-01 08-SW-01	2-DS-03 M 2-DS-03 M -DS-01 -DS-01	4 4  8	MSMSD2306150816 MSMSD2306150816 MSMSD2310080817 MSMSD2310080817	ND ND ND ND	202.00 202.00 200.00 200.00 ance :	164.00 157.00 140.00 140.00	ug/L ug/L ug/L	81 78 70
Me piked Ana	06/15/93 06/15/93 10/08/93 10/08/93 Number of S Mean % Reco	07-MW-02 07-MW-02 08-SW-01 08-SW-01 samples every eviation - Semivolation	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2306150816 MSMSD2310080817 MSMSD2310080817	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 ance :	164.00 157.00 140.00 140.00	ug/L ug/L ug/L	81 78 70
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 	07-MW-02 07-MW-02 08-SW-01 08-SW-01 samples every eviation - Semivolation	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2306150816 MSMSD2310080817 MSMSD2310080817	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 ance :	164.00 157.00 140.00 140.00	ug/L ug/L ug/L	81 78 70
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 	07-MW-02 07-MW-02 08-SW-03 08-SW-03 damples every eviation  - Semivolation threne tory Control	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2306150816 MSMSD2310080817 MSMSD2310080817	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 	164.00 157.00 140.00 140.00 0 0 4-176	ug/L ug/L ug/L ug/L	81 78 70 70
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 	07-MW-02 07-MW-02 08-SW-01 08-SW-01 samples every eviation - Semivolation threne tory Control LCS	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2306150816 MSMSD2310080817 MSMSD2310080817	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 ance: ance:	164.00 157.00 140.00 140.00 0 0 4-176	ug/L ug/L ug/L ug/L	81 78 70 70 70
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 	07-MW-02 07-MW-02 08-SW-01 08-SW-01 samples every eviation  - Semivolation  threne  tory Control  LCS LCSD	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2310080817 MSMSD2310080817 MSMSD2310080817  MSMSD1306231041 MSMSD1306231041	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 ance: ince: interia 1	164.00 157.00 140.00 140.00 0 0 4-176	ug/L ug/L ug/L ug/L ug/L	81 78 70 70 70
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 10/08/93 Number of S Mean % Reco Standard De thod : SW8270 1yte : Phenan pike : Labora 06/23/93 06/23/93 08/17/93	07-MW-02 07-MW-02 08-SW-01 08-SW-01 08-SW-01 camples every eviation  - Semivolation  threne  tory Control  LCS  LCSD  LCS	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2310080817 MSMSD2310080817 MSMSD2310080817  MSMSD1306231041 MSMSD1306231041 MSMSD1308171507	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 	164.00 157.00 140.00 140.00 0 0 0 4-176	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	77 75 85
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 10/08/93 Number of S Mean % Reco Standard De thod : SW8270 Tyte : Phenan pike : Labora 06/23/93 06/23/93 08/17/93 08/17/93	07-MW-02 07-MW-02 08-SW-01 08-SW-01 08-SW-01 camples every eviation  - Semivolation  LCS LCSD LCS LCSD	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2310080817 MSMSD2310080817 MSMSD2310080817  MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 	164.00 157.00 140.00 140.00 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	77 75 85 86
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 10/08/93 Number of S Mean % Reco Standard De thod : SW8270 Tyte : Phenan pike : Labora 06/23/93 06/23/93 08/17/93 08/17/93 08/17/93	07-MW-02 07-MW-02 08-SW-01 08-SW-01 08-SW-01 imples every eviation  - Semivolation  LCS LCSD LCS LCSD LCS LCSD	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 	8 74.5 3.74	MSMSD2306150816 MSMSD2310080817 MSMSD2310080817 MSMSD2310080817  MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 	164.00 157.00 140.00 140.00 0 0 4-176 77.00 75.40 85.20 86.00 81.60	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	77 77 75 85 86 82 78
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 10/08/93 	07-MW-02 07-MW-02 08-SW-01 08-SW-01 08-SW-01 imples every eviation  - Semivolation  LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 -:	8 74.5 3.74	MSMSD2306150816 MSMSD2310080817 MSMSD2310080817 MSMSD2310080817  MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 300.00 300.00 100.00 100.00 100.00 100.00 100.00 100.00	164.00 157.00 140.00 140.00 0 0 4-176 77.00 75.40 85.20 86.00 81.60 77.50 87.60	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	77 77 75 85 86 82 78 88
Me piked Ana Type of S	06/15/93 06/15/93 10/08/93 10/08/93 10/08/93 	07-MW-02 07-MW-02 08-SW-03 08-SW-03 08-SW-03 damples every eviation  - Semivolation  LCS LCSD LCS LCSD LCS LCSD LCS LCSD	2-DS-03 M 2-DS-03 M -DS-01 -DS-01 -:	8 74.5 3.74	MSMSD2306150816 MSMSD2310080817 MSMSD2310080817 MSMSD2310080817  MSMSD1306231041 MSMSD1306231041 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013	ND ND ND ND Below accepta	202.00 202.00 200.00 200.00 300.00 300.00 100.00 100.00 100.00 100.00 100.00	164.00 157.00 140.00 140.00 0 0 4-176 77.00 75.40 85.20 86.00 81.60 77.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	77 77 75 85 86 82 78

NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESUL' UNIT	T % RECOVI
Method : SW8270 Spiked Analyte : Phenan	) - Semivolatile threne continue						
Гуре of Spike : Laborat	ory Control						
06/14/93	LCS	MSMSD2306140820		100.00	89.30	ug/L	89
06/14/93	LCS	MSMSD2306140820		100.00	96.40	ug/L	96
06/14/93	LCSD	MSMSD2306140820	-	100.00	94.40	ug/L	94
06/14/93	LCSD	MSMSD2306140820		100.00	85.60	ug/L	86
06/15/93	LCS	MSMSD2306150816		100.00	84.60	ug/L	85
06/15/93	LCS	MSMSD2306150816		100.00	84.60	ug/L	85
06/15/93	LCSD	MSMSD2306150816		100.00	89.10	ug/L	89
06/15/93	LCSD	MSMSD2306150816		100.00	89.10	ug/L	89
06/16/93	LCS	MSMSD2306160814		100.00	85.30	ug/L	85
06/16/93	LCSD	MSMSD2306160814		100.00	90.30	ug/L	90
06/22/93	LCS	MSMSD2306220822		100.00	94.00	ug/L	94
06/22/93	LCSD	MSMSD2306220822		100.00	97.80	ug/L	98
06/23/93	LCS	MSMSD2306230826		100.00	88.10	ug/L	88
06/23/93	LCSD	MSMSD2306230826		100.00	91.50	ug/L	92
06/24/93	LCS	MSMSD2306240908		100.00	88.00	ug/L	88
06/24/93	LCS	MSMSD2306240908		100.00	91.00	ug/L	91
06/24/93	LCSD	MSMSD2306240908		100.00	90.40	ug/L	90
06/24/93	LCSD	MSMSD2306240908		100.00	90.00	ug/L	90
08/07/93	LCS	MSMSD2308070819		100.00	83.00	ug/L	83
08/07/93	LCSD	MSMSD2308070819		100.00	80.70	ug/L	81
09/24/93	LCS	MSMSD2309240819		100.00	92.80	ug/L	93
09/24/93	LCSD	MSMSD2309240819		100.00	94.00	ug/L	94
10/08/93	LCS	MSMSD2310080817		100.00	94.00	ug/L	94
10/08/93	LCSD	MSMSD2310080817		100.00	93.60	ug/L	94
10/11/93	LCS	MSMSD2310110812		100.00	98.50	ug/L	99
10/11/93	LCSD	MSMSD2310110812		100.00	92.60	ug/L	93
Number of Sa	amples	: 36	Below acceptan	ce :	 0		
Mean % Recov	-	: '88.3	Above acceptan	ce:	0		
Standard Dev	viation	: 5.78	Acceptance Cri	teria 54	4-120		
Method : SW8270	- Semivolatile	Organics					
piked Analyte : Phenol Type of Spike : Laborat	cory Control						
	.019 00112101						
06/23/93	LCS	MSMSD1306231041	1	100.00	41.30	ug/L	41
06/23/93	LCSD	MSMSD1306231041	1	100.00	41.70	ug/L	42
08/17/93	LCS	MSMSD1308171507	1	100.00	45.30	ug/L	45
08/17/93	LCSD	MSMSD1308171507	1	100.00	47.00	ug/L	47
08/25/93	LCS	MSMSD1308251013	1	100.00	41.80	ug/L	42
08/25/93	LCSD	MSMSD1308251013	1	100.00	35.70	ug/L	36
09/20/93	LCS	MSMSD1309201450	1	100.00	45.40	ug/L	45
09/20/93	LCSD	MSMSD1309201450		100.00	49.20	ug/L	49
09/23/93	LCS	MSMSD1309230953		00.00	40 00 *	-3, -	· <del>-</del>

Date Compiled: 30 April 1994 ND = Not Detected

09/23/93

NC = Not Calculable NS = Not Specified

MSMSD1309230953

48.00 *

ug/L

100.00

LCS

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. AMOUN RESULT SPIKE	T AMOUNT D RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 Spiked Analyte : Phenol		Organics					
Type of Spike : Laborato	ory Control						
09/23/93	LCSD		MSMSD1309230953	100.00	49.30 *	ug/L	49
06/14/93	LCS		MSMSD2306140820	100.00	45.10	ug/L	45
06/14/93	LCS		MSMSD2306140820	100.00	45.60	ug/L	46
06/14/93	LCSD		MSMSD2306140820	100.00	45.00	ug/L	45
06/14/93	LCSD		MSMSD2306140820	100.00	48.00	ug/L	48
06/15/93	LCS		MSMSD2306150816	100.00	44.60	ug/L	45
06/15/93	LCS		MSMSD2306150816	100.00	44.60	ug/L	45
06/15/93	LCSD		MSMSD2306150816	100.00	52.00	ug/L	52
06/15/93	LCSD		MSMSD2306150816	100.00	52.00	ug/L	52
06/16/93	LCS		MSMSD2306160814	100.00	40.50	ug/L	41
06/16/93	LCSD		MSMSD2306160814	100.00	50.40	ug/L	50
06/22/93	LCS		MSMSD2306220822	100.00	49.70	ug/L	50
06/22/93	LCSD		MSMSD2306220822	100.00	48.70	ug/L	49
06/23/93	LCS		MSMSD2306230826	100.00	38.70	ug/L	39
06/23/93	LCSD		MSMSD2306230826	100.00	42.10	ug/L	42
06/24/93	LCS		MSMSD2306240908	100.00	43.70	ug/L	44
06/24/93	LCS		MSMSD2306240908	100.00	46.60	ug/L	47
06/24/93	LCSD		MSMSD2306240908	100.00	43.40	ug/L	43
06/24/93	LCSD		MSMSD2306240908	100.00	41.00	ug/L	41
08/07/93	LCS		MSMSD2308070819	100.00	44.80	ug/L	45
08/07/93	LCSD		MSMSD2308070819	100.00	39.90	ug/L	40
09/24/93	LCS		MSMSD2309240819	100.00	52.30	ug/L	52
09/24/93	LCSD		MSMSD2309240819	100.00	51.40	ug/L	51
10/08/93	LCS		MSMSD2310080817	100.00	47.70	ug/L	48
10/08/93	LCSD		MSMSD2310080817	100.00	47.70	ug/L	48
10/11/93	LCS		MSMSD2310110812	100.00	54.00	ug/L	54
10/11/93	LCSD		MSMSD2310110812	100.00	52.80 	ug/L 	53 
Number of Sa	amples	: 36		Below acceptance :	0		
Mean % Recov	very	: 46.1	•	Above acceptance :	0		
Standard Dev	viation	: 4.31	l	Acceptance Criteria	5-112		
Method : SW8270 piked Analyte : Pyrene	- Semivolatile	Organics					
Type of Spike : Laborat	tory Control						
06/23/93	LCS		MSMSD1306231041	100.00	82.40	ug/L	82
06/23/93	LCSD		MSMSD1306231041	100.00	85.20	ug/L	85
08/17/93	LCS		MSMSD1308171507	100.00	90.90	ug/L	91
08/17/93	LCSD		MSMSD1308171507	100.00	90.30	ug/L	90
			MSMSD1308251013	100.00	89.30	ug/L	89
08/25/93	LCS		M3M3D1300E31013	200.00		•	
08/25/93 08/25/93	LCSD		MSMSD1308251013	100.00	79.90	ug/L	80

	DATE	CAMPIE TO		DATOU ID	ORIG.	AMOUNT		RESULT	
A -	NALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKEC	RECOVERED	UNIT	RECOVER
		·							•
	nod : SW82/0 yte : Pyrene	- Semivolatile continued	Organics	i					
ype of Spi	ke : Laborat	ory Control							
C	9/23/93	LCS		MSMSD1309230953		100.00	91.60 *	ug/L	92
0	9/23/93	LCSD		MSMSD1309230953		100.00	94.90 *	ug/L	95
	6/14/93	LCS		MSMSD2306140820		100.00	90.60	ug/L	91
	6/14/93	LCS		MSMSD2306140820		100.00	96.00	ug/L	96
	6/14/93	LCSD		MSMSD2306140820		100.00	94.50	ug/L	95
	6/14/93	LCSD		MSMSD2306140820		100.00	87.40	ug/L	87
	6/15/93	LCS		MSMSD2306150816		100.00	81.70	ug/L	82
	6/15/93	LCS		MSMSD2306150816		100.00	81.70	ug/L	82
	6/15/93	LCSD		MSMSD2306150816		100.00	89.10	ug/L	89
	6/15/93	LCSD		MSMSD2306150816		100.00	89.10	ug/L ug/L	89
	6/16/93	LCS		MSMSD2306160814		100.00	86.90	ug/L ug/L	87
	6/16/93	LCSD		MSMSD2306160814		100.00	93.40	ug/L ug/L	93
	6/22/93	LCS		MSMSD2306220822		100.00	99.80	ug/L ug/L	100
	6/22/93	LCSD		MSMSD2306220822		100.00	100.00	ug/L ug/L	100
	6/23/93	LCS ·		MSMSD2306230826		100.00	87.10	ug/L	87
	6/23/93	LCSD		MSMSD2306230826		100.00	90.10	ug/L ug/L	90
	6/24/93	LCS		MSMSD2306240908		100.00	88.70	ug/L	89
	6/24/93	LCS		MSMSD2306240908		100.00	90.50	ug/L ug/L	90
	6/24/93	LCSD		MSMSD2306240908		100.00	91.90	ug/L	92
	6/24/93	LCSD		MSMSD2306240908		100.00	91.50	ug/L	92
	8/07/93	LCS		MSMSD2308070819		100.00	87.70	ug/L ug/L	
	8/07/93	LCSD		MSMSD2308070819		100.00	85.30		88 85
	9/24/93	LCS		MSMSD2309240819	•	100.00	101.00	ug/L ug/L	
	9/24/93	LCSD		MSMSD2309240819	•	100.00	101.00		101 103
	0/08/93	LCS		MSMSD2310080817		100.00	98.80	ug/L ug/L	99
	0/08/93	LCSD		MSMSD2310080817					
						100.00	100.00	ug/L	100
	0/11/93 0/11/93	LCS LCSD		MSMSD2310110812 MSMSD2310110812		100.00 100.00	103.00 102.00	ug/L ug/L	103 102
	Number of S	amoles	: 36		Below accep	otance ·	0		
	Mean % Reco	•	: 92	.0	Above accer		0		
	Standard De	•		.45	Acceptance		52-115		
	oundard be	· racion	. 0	. 43	Acceptance	Cirteria	JE 113		
ype of Sp	ike : Matrix	Spike							
0!	9/20/93	06-MW-07-03	. MS	MSMSD1309201450	ND	107.00	82.40	ug/L	77
	9/20/93	06-MW-07-0		MSMSD1309201450	ND	98.00	74.10	ug/L ug/L	76
	6/14/93	12-MW-02-DS		MSMSD2306140820	ND	100.00	87.10	ug/L ug/L	87
	6/14/93	12-MW-02-DS		MSMSD2306140820	ND ND	100.00	87.10	ug/L ug/L	87
	6/15/93	07-MW-02-DS		MSMSD2306150816					
	0, 10, 00	07 MW -02-D3	. UU M	U2U2D5200120010	ND	101.00	81.10	ug/L	80
	6/15/92	U2-Mパーロるーから	_03 M	MCMCD22061E0016	ND.	101 00	91 40	ua / 1	01
06	6/15/93 0/08/93	07-MW-02-DS 08-SW-01-DS		MSMSD2306150816 MSMSD2310080817	ND ND	101.00 100.00	81.40 93.40	ug/L ug/L	81 93

10/08/93

ND

MSMSD2310080817

92.40

ug/L

92

100.00

08-SW-01-DS-01

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Pyrene continued

Type of Spike : Matrix Spike

Number of Samples : 8
Mean % Recovery : 84.1
Standard Deviation : 6.56

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 52-115

Method : SW8270 - Semivolatile Organics Spiked Analyte : bis(2-Chloroethoxy)methane

06/23/93	LCS	MSMSD1306231041	100.00	77.00	ug/L	<b>7</b> 7
06/23/93	LCSD	MSMSD1306231041	100.00	77.30 ·	ug/L	77
08/17/93	LCS	MSMSD1308171507	100.00	93.10	ug/L	93
08/17/93	LCSD	MSMSD1308171507	100.00 ·	99.70	ug/L	100
08/25/93	LCS	MSMSD1308251013	100.00	90.60	ug/L	91
08/25/93	LCSD	MSMSD1308251013	100.00	79.70	ug/L	80
09/20/93	LCS	MSMSD1309201450	100.00	102.00	ug/L	102
09/20/93	LCSD	MSMSD1309201450	100.00	108.00	ug/L	108
09/23/93	LCS	MSMSD1309230953	100.00	101.00 *	ug/L	101
09/23/93	LCSD	MSMSD1309230953	100.00	105.00 *	ug/L	105
06/14/93	LCS	MSMSD2306140820	100.00	91.20	ug/L	91
06/14/93	LCS	MSMSD2306140820	100.00	96.60	ug/L	97
06/14/93	LCSD	MSMSD2306140820	100.00	94.10	ug/L	94
06/14/93	LCSD	MSMSD2306140820	100.00	85.10	ug/L	85
06/15/93	LCS	MSMSD2306150816	100.00	84.70	ug/L	85
06/15/93	LCS	MSMSD2306150816	100.00	84.70	ug/L	85
06/15/93	LCSD	MSMSD2306150816	100.00	90.30	ug/L	90
06/15/93	LCSD	MSMSD2306150816	100.00	90.30	ug/L	90
06/16/93	LCS	MSMSD2306160814	100.00	81.80	ug/L	82
06/16/93	LCSD	MSMSD2306160814	100.00	89.20	ug/L	89
06/22/93	LCS	MSMSD2306220822	100.00	99.10	ug/L	99
06/22/93	LCSD	MSMSD2306220822	100.00	101.00	ug/L	101
06/23/93	LCS	MSMSD2306230826	100.00	84.80	ug/L	85
06/23/93	LCSD	MSMSD2306230826	100.00	89.30	ug/L	89
06/24/93	LCS	MSMSD2306240908	100.00	91.20	ug/L	91
06/24/93	LCS	MSMSD2306240908	100.00	85.80	ug/L	86
06/24/93	LCSD	MSMSD2306240908	100.00	86.90	ug/L	87
06/24/93	LCSD	MSMSD2306240908	100.00	89.30	ug/L	89
08/07/93	LCS	MSMSD2308070819	100.00	82.10	ug/L	82
08/07/93	LCSD	MSMSD2308070819	100.00	82.40	ug/L	82
09/24/93	LCS	MSMSD2309240819	100.00	94.60	ug/L	95
09/24/93	LCSD	MSMSD2309240819	100.00	96.00	ug/L	96
10/08/93	LCS	MSMSD2310080817	100.00	99.40	ug/L	99
10/08/93	LCSD	MSMSD2310080817	100.00	96.90	ug/L	97
10/11/93	LCS	MSMSD2310110812	100.00	100.00	ug/L	100
10/11/93	LCSD	MSMSD2310110812	100.00	95.80	ug/L	96

DATE ORIG. AMOUNT AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Chloroethoxy)methane continued

Type of Spike : Laboratory Control

Number of Samples: 36Below acceptance : 0Mean % Recovery: 91.6Above acceptance : 0Standard Deviation: 7.91Acceptance Criteria 33-184

Method : SW8270 - Semivolatile Organics

Spiked Analyte : bis(2-Chloroethyl)ether

06/23/93	LCS	MSMSD1306231041	100.00	66.50	ug/L	67
06/23/93	LCSD	MSMSD1306231041	100.00	69.40	ug/L	69
08/17/93	LCS	MSMSD1308171507	100.00	76.80	ug/L	77
08/17/93	LCSD	MSMSD1308171507	100.00	79.40	ug/L	79
08/25/93	LCS	MSMSD1308251013	100.00	73.40	ug/L	73
08/25/93	LCSD	MSMSD1308251013	100.00	66.80	ug/L	67
09/20/93	LCS	MSMSD1309201450	100.00	84.50	ug/L	84
09/20/93	LCSD	MSMSD1309201450	100.00	94.40	ug/L	94
09/23/93	LCS	MSMSD1309230953	100.00	80.00 *	ug/L	80
09/23/93	LCSD	MSMSD1309230953	100.00	78.60 *	ug/L	79
06/14/93	LCS	MSMSD2306140820	100.00	89.20	ug/L	89
06/14/93	LCS	MSMSD2306140820	100.00	92.30	ug/L	92
06/14/93	LCSD	MSMSD2306140820	100.00	87.70	ug/L	88
06/14/93	LCSD	MSMSD2306140820	100.00	90.40	ug/L	90
06/15/93	LCS	MSMSD2306150816	100.00	81.90	ug/L	82
06/15/93	LCS	MSMSD2306150816	100.00	81.90	ug/L	82
06/15/93	LCSD	MSMSD2306150816	100.00	87.00	ug/L	87
06/15/93	LCSD	MSMSD2306150816	100.00	87.00	ug/L	87
06/16/93	LCS	MSMSD2306160814	100.00	79.30	ug/L	79
06/16/93	LCSD	MSMSD2306160814	100.00	82.50	ug/L	83
06/22/93	LCS	MSMSD2306220822	100.00	99.70	ug/L	100
06/22/93	LCSD	MSMSD2306220822	100.00	102.00	ug/L	102
06/23/93	LCS	MSMSD2306230826	100.00	83.30	ug/L	83
06/23/93	LCSD	MSMSD2306230826	100.00	88.00	ug/L	88
06/24/93	LCS	MSMSD2306240908	100.00	88.80	ug/L	89
06/24/93	LCS	MSMSD2306240908	100.00	87.80	ug/L	88
06/24/93	LCSD	MSMSD2306240908	100.00	86.60	ug/L	87
06/24/93	LCSD	MSMSD2306240908	100.00	86.30	ug/L	86
08/07/93	LCS	MSMSD2308070819	100.00	79.70	ug/L	80
08/07/93	LCSD	MSMSD2308070819	100.00	78.00	ug/L	78
09/24/93	LCS	MSMSD2309240819	100.00	90.70	ug/L	91
09/24/93	LCSD	MSMSD2309240819	100.00	92.70	ug/L	93
10/08/93	LCS	MSMSD2310080817	100.00	91.80	ug/L	92
10/08/93	LCSD	MSMSD2310080817	100.00	91.80	ug/L	92
10/11/93	LCS	MSMSD2310110812	100.00	93.70	ug/L	94
10/11/93	LCSD	MSMSD2310110812	100.00	90.80	ug/L	91

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8270 - Semivolatile Organics Spiked Analyte : bis(2-Chloroethyl)ether continued

Type of Spike : Laboratory Control

Number of Samples : 36 Below acceptance : 0 Mean % Recovery : 85.1 Above acceptance : 0 Standard Deviation : 8.28 Acceptance Criteria 12-158

Method : SW8270 - Semivolatile Organics Spiked Analyte : bis(2-Chloroisopropyl)ether

06/23/93	LCS	MSMSD1306231041	100.00	64.60	ug/L	65
06/23/93	LCSD	MSMSD1306231041	100.00	67.60	ug/L	68
08/17/93	LCS	MSMSD1308171507	100.00	90.50	ug/L	91
08/17/93	LCSD	MSMSD1308171507	100.00	96.50	ug/L	97
08/25/93	LCS	MSMSD1308251013	100.00	77.50	ug/L	78
08/25/93	LCSD	MSMSD1308251013	100.00	68.80	ug/L	69
09/20/93	LCS	MSMSD1309201450	100.00 -	122.00	ug/L	122
09/20/93	LCSD	MSMSD1309201450	100.00	135.00	ug/L	135
09/23/93	LCS	MSMSD1309230953	100.00	100.00 *	ug/L	100
09/23/93	LCSD	MSMSD1309230953	100.00	114.00 *	ug/L	114
06/14/93	LCS	MSMSD2306140820	100.00	88.10	ug/L	88
06/14/93	LCS .	MSMSD2306140820	100.00	94.80	ug/L	95
06/14/93	LCSD	MSMSD2306140820	100.00	89.20	ug/L	89
06/14/93	LCSD	MSMSD2306140820	100.00	89.90	ug/L	90
06/15/93	LCS	MSMSD2306150816	100.00	85.00	ug/L	85
06/15/93	LCS	MSMSD2306150816	100.00	85.00	ug/L	85
06/15/93	LCSD	MSMSD2306150816	100.00	88.40	ug/L	88
06/15/93	LCSD	MSMSD2306150816	100.00	88.40	ug/L	88
06/16/93	LCS	MSMSD2306160814	100.00	77.80	ug/L	78
06/16/93	LCSD	MSMSD2306160814	100.00	83.30	ug/L	83
06/22/93	LCS	MSMSD2306220822	100.00	102.00	ug/L	102
06/22/93	LCSD	MSMSD2306220822	100.00	104.00	ug/L	104
06/23/93	LCS	MSMSD2306230826	100.00	83.70	ug/L	84
06/23/93	LCSD	MSMSD2306230826	100.00	89.80	ug/L	90
06/24/93	LCS	MSMSD2306240908	100.00	86.20	ug/L	86
06/24/93	LCS	MSMSD2306240908	100.00	87.70	ug/L	88
06/24/93	LCSD	MSMSD2306240908	100.00	84.20	ug/L	84
06/24/93	LCSD	MSMSD2306240908	100.00	87.00	ug/L	87
08/07/93	LCS	MSMSD2308070819	100.00	77.90	ug/L	78
08/07/93	LCSD	MSMSD2308070819	100.00	76.10	ug/L	76
09/24/93	LCS	MSMSD2309240819	100.00	99.60	ug/L	100
09/24/93	LCSD	MSMSD2309240819	100.00	98.40	ug/L	98
10/08/93	LCS	MSMSD2310080817	100.00	104.00	ug/L	104
10/08/93	LCSD	MSMSD2310080817	100.00	101.00	ug/L	101
10/11/93	LCS	MSMSD2310110812	100.00	101.00	ug/L	101
10/11/93	LCSD	MSMSD2310110812	100.00	98.30	ug/L	98
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DATE ORIG. **AMOUNT AMOUNT** RESULT % ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVER -----

Method : SW8270 - Semivolatile Organics

Spiked Analyte : bis(2-Chloroisopropyl)ether continued

Type of Spike : Laboratory Control

Number of Samples : 36 Mean % Recovery : 91.4 Standard Deviation : 14.27

Below acceptance : 0 Above acceptance : 0

Acceptance Criteria 36-166

Method : SW8270 - Semivolatile Organics Spiked Analyte : bis(2-Ethylhexyl)phthalate

06/23/93	LCS	MSMSD1306231041	100.00	82.80	ug/L	83
06/23/93	LCSD	MSMSD1306231041	100.00	82.80	ug/L	83
08/17/93	LCS	MSMSD1308171507	100.00	85.70	ug/L	86
08/17/93	LCSD	MSMSD1308171507	100.00	90.00	ug/L	90
08/25/93	LCS	MSMSD1308251013	100.00	88.50	ug/L	89
08/25/93	LCSD	MSMSD1308251013	100.00	79.70	ug/L	80
09/20/93	LCS	MSMSD1309201450	100.00	87.50	ug/L	88
09/20/93	LCSD	MSMSD1309201450	100.00	91.60	ug/L	92
09/23/93	LCS	MSMSD1309230953	100.00	83.40 *	ug/L	83
09/23/93	LCSD	MSMSD1309230953	190.00	91.60 *	ug/L	92
06/14/93	LCS	MSMSD2306140820	100.00	100.00	ug/L	100
06/14/93	LCS	MSMSD2306140820	100.00	108.00	ug/L	108
06/14/93	LCSD	MSMSD2306140820	100.00	106.00	ug/L	106
06/14/93	LCSD	MSMSD2306140820	100.00	104.00	ug/L	104
06/15/93	LCS	MSMSD2306150816	100.00	93.10	ug/L	93
06/15/93	LCS	MSMSD2306150816	100.00	93.10	ug/L	93
06/15/93	LCSD	MSMSD2306150816	100.00	94.70	ug/L	95
06/15/93	LCSD	MSMSD2306150816	100.00	94.70	ug/L	95
06/16/93	LCS	MSMSD2306160814	100.00	104.00	ug/L	104
06/16/93	LCSD	MSMSD2306160814	100.00	104.00	ug/L	104
06/22/93	LCS	MSMSD2306220822	100.00	113.00	ug/L	113
06/22/93	LCSD	MSMSD2306220822	100.00	110.00	ug/L	110
06/23/93	LCS	MSMSD2306230826	100.00	96.60	ug/L	97
06/23/93	LCSD	MSMSD2306230826	100.00	100.00	ug/L	100
06/24/93	LCS	MSMSD2306240908	100.00	91.80	ug/L	92
06/24/93	LCS	MSMSD2306240908	100.00	95.20	ug/L	95
06/24/93	LCSD	MSMSD2306240908	100.00	96.80	ug/L	97
06/24/93	LCSD	MSMSD2306240908	100.00	97.30	ug/L	97
08/07/93	LCS	MSMSD2308070819	100.00	85.70	ug/L	86
08/07/93	LCSD	MSMSD2308070819	100.00	84.20	ug/L	84
09/24/93	LCS	MSMSD2309240819	100.00	98.40	ug/L	98
09/24/93	LCSD	MSMSD2309240819	100.00	101.00	ug/L	101
10/08/93	LCS	MSMSD2310080817	100.00	99.40	ug/L	99
10/08/93	LCSD	MSMSD2310080817	100.00	100.00	ug/L	100
10/11/93	LCS	MSMSD2310110812	100.00	103.00	uġ/L	103
10/11/93	LCSD	MSMSD2310110812	100.00	98.20	ug/L	98
					-	

DATE ORIG. AMOUNT AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8270 - Semivolatile Organics
Spiked Analyte : bis(2-Ethylhexyl)phthalate continued

Type of Spike : Laboratory Control

Number of Samples : 36 Below acceptance : 0
Mean % Recovery : 95.5 Above acceptance : 0
Standard Deviation : 8.24 Acceptance Criteria 8-158

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2,4,6-Tribromophenol

Type of Spike : Surrogate - Field Duplicate

09/20/93	06-MW-07-DS-01	MSMSD1309201450	196.00	225.00	ug/L	115
06/14/93	12-MW-02-DS-03	MSMSD2306140820	200.00	166.00	ug/L	83
06/15/93	07-MW-02-DS-03	MSMSD2306150816	207.00	181.00	ug/L	87
06/23/93	05-MW-03-DS-03	MSMSD2306230826	200.00	177.00	ug/L	89
09/24/93	05-MW-14-DS-01	MSMSD2309240819	200.00	162.00	ug/L	81
10/08/93	08-SW-01-DS-01	MSMSD2310080817	200.00	168.00	ug/L	84

Number of Samples : 6
Mean % Recovery : 89.8
Standard Deviation : 12.66

Below acceptance : 0Above acceptance : 0Acceptance Criteria  $\cdot 10\text{-}123$ 

Type of Spike : Surrogate - Laboratory Control

		•				
06/23/93	LCS	MSMSD1306231041	200.00	200.00	ug/L	100
06/23/93	LCSD	MSMSD1306231041	200.00	211.00	ug/L	105
08/17/93	LCS	MSMSD1308171507	200.00	198.00	ug/L	99
08/17/93	LCSD	MSMSD1308171507	200.00	225.00	ug/L	112
08/25/93	LCS	MSMSD1308251013	200.00	195.00	ug/L	97 -
08/25/93	LCSD	MSMSD1308251013	200.00	178.00	ug/L	89
09/20/93	LCS	MSMSD1309201450	200.00	241.00	ug/L	121
09/20/93	LCSD	MSMSD1309201450	200.00	229.00	ug/L	114
09/23/93	LCS	MSMSD1309230953	200.00	193.00 *	ug/L	96
09/23/93	LCSD	MSMSD1309230953	200.00	201.00 *	ug/L	100
06/14/93	LCS	MSMSD2306140820	200.00	186.00	ug/L	93
06/14/93	LCS	MSMSD2306140820	200.00	202.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820	200.00	195.00	ug/L	98
06/14/93	LCSD	MSMSD2306140820	200.00	172.00	ug/L	86
06/15/93	LCS	MSMSD2306150816	200.00	176.00	ug/L	88
06/15/93	LCS	MSMSD2306150816	200.00	176.00	ug/L	88
06/15/93	LCSD	MSMSD2306150816	200.00	185.00	ug/L	93
06/15/93	LCSD	MSMSD2306150816	200.00	185.00	ug/L	93
06/16/93	LCS	MSMSD2306160814	200.00	171.00	ug/L	86
06/16/93	LCSD	MSMSD2306160814	200.00	182.00	ug/L	91
06/22/93	LCS	MSMSD2306220822	200.00	193.00	ug/L	96
06/22/93	LCSD	MSMSD2306220822	200.00	209.00	ug/L	105

DATE ANALYZED	SAMPLE ID		BATCH ID		UNT	AMOUNT	RESULT	
	SAMPLE ID		DATCH ID	KESOLI SPI	NED	RECOVERED	UNIT	RECOV
Method : SW8270	) - Semivolatile	Organics						
ked Analyte : 2,4,6-	Tribromophenol c	ontinued						
of Smike . Summar		0 4 1						
e of Spike : Surroga	ite - Laboratory (	Lontrol						
06/23/93	LCS		MSMSD2306230826	200.0	0	198.00	ug/L	99
06/23/93	LCSD		MSMSD2306230826	200.0	0	198.00	ug/L	99
06/24/93	LCS		MSMSD2306240908	200.0	0	195.00	ug/L	97
06/24/93	LCS		MSMSD2306240908	200.0	0	209.00	ug/L	105
06/24/93	LCSD		MSMSD2306240908	200.0	0	203.00	ug/L	101
06/24/93	LCSD		MSMSD2306240908	200.0	0	198.00	ug/L	99
08/07/93	LCS-		MSMSD2308070819	200.0	0	145.00	ug/L	73
09/24/93	LCS		MSMSD2309240819	200.0	0	154.00	ug/L	77
09/24/93	LCSD		MSMSD2309240819	200.0	0	154.00	ug/L	77
10/08/93	LCS		MSMSD2310080817	200.0	0	165.00	ug/L	82
10/08/93	LCSD		MSMSD2310080817	200.0	0	170.00	ug/L	85
10/11/93	LCS		MSMSD2310110812	200.0	0	162.00	ug/L	81
10/11/93	LCSD		MSMSD2310110812	200.0	0	158.00	ug/L	79
Number of S	amples	: 35		Below acceptance :	(	 0		
Mean % Reco	very	: 94.4		Above acceptance :	(	0		
Standard De	viation	: 10.84	1	Acceptance Criteria	10	0-123		
e of Spike : Surrog	ate - Normal Samp	ole		•				
06/23/93	05-MW-01-03		MSMSD1306231041	204.0	0	194.00	ug/L	95
06/23/93	05-MW-02-03		MSMSD1306231041	204.0		185.00	ug/L	91

06/23/93	05-MW-01-03	MSMSD1306231041	204.00	194.00	ug/L	95
06/23/93	05-MW-02-03	MSMSD1306231041	204.00	185.00	ug/L	91
06/23/93	05-MW-04-03	MSMSD1306231041	205.00	151.00	ug/L	73
06/23/93	05-MW-06-03	MSMSD1306231041	204.00	213.00	ug/L	104
08/17/93	07-MW-01-03	MSMSD1308171507	222.00	218.00	ug/L	98
08/18/93	07-MW-03-03	MSMSD1308171507	217.00	226.00	ug/L	104
08/25/93	07-SW-03-01	MSMSD1308251013	199.00	194.00	ug/L	97
08/25/93	07-SW-04-01	MSMSD1308251013	200.00	192.00	ug/L	96
08/25/93	07-SW-05-01	MSMSD1308251013	222.00	233.00	ug/L	105
08/25/93	07-SW-06-01	MSMSD1308251013	215.00	212.00	ug/L	98
08/26/93	07-SW-07-01	MSMSD1308251013	219.00	221.00	ug/L	101
09/20/93	05-MW-13-01	MSMSD1309201450	202.00	240.00	ug/L	119
09/20/93	06-MW-07-01	MSMSD1309201450	200.00	200.00	ug/L	100
09/20/93	10-MW-04-01	MSMSD1309201450	204.00	223.00	ug/L	110
09/23/93	05-MW-15-01	MSMSD1309230953	196.00	196.00	ug/L	100
09/23/93	09-MW-15-01	MSMSD1309230953	211.00	217.00	ug/L	103
06/14/93	04-MW-02-03	MSMSD2306140820	200.00	182.00	ug/L	91
06/14/93	04-MW-03-03	MSMSD2306140820	200.00	177.00	ug/L	88
06/14/93	10-MW-03-03	MSMSD2306140820	198.00	173.00	ug/L	88
06/14/93	12-MW-01-03	MSMSD2306140820	200.00	176.00	ug/L	88
06/14/93	12-MW-02-03	MSMSD2306140820	198.00	172.00	ug/L	87
06/15/93	06-MW-03-03	MSMSD2306150816	198.00	167.00	ug/L	84
06/15/93	07-MW-02-03	MSMSD2306150816	200.00	173.00	ug/L	87
06/15/93	10-MW-01-03	MSMSD2306150816	202.00	145.00	ug/L	72
06/15/93	10-MW-02-03	MSMSD2306150816	202.00	162.00	ug/L	80

ANALYZED	SAMPLE ID	BATCH ID	ORIG. AMOU		RESULT UNIT	% RECOVER
	- Semivolatile Organi Tribromophenol continu					
oe of Spike : Surroga	,					
06/22/93	06-MW-01-03	MSMSD2306220822	211.00	192.00	ug/L	91
06/22/93	06-MW-02-03	MSMSD2306220822	214.00	181.00	ug/L	85
06/22/93	06-MW-04-03	MSMSD2306220822	208.00	184.00	ug/L	88
06/22/93	09-MW-01-03	MSMSD2306220822	199.00	177.00	ug/L	89
06/22/93	09-MW-02-03	MSMSD2306220822	200.00	176.00	ug/L	88
06/22/93	09-MW-03-03	MSMSD2306220822	200.00	178.00	ug/L	89
06/22/93	09-MW-04-03	MSMSD2306220822	201.00	182.00	ug/L	90
06/22/93	09-MW-05-03	MSMSD2306220822	211.00	183.00	ug/L	87
06/22/93	09-MW-06-03	MSMSD2306220822	211.00	195.00	ug/L	93
06/23/93	05-MW-03-03	MSMSD2306230826	203.00	176.00	ug/L	87
06/24/93	05-MW-05-03	MSMSD2306240908	199.00	182.00	ug/L	91
08/07/93	07-MW-04-03	MSMSD2308070819	197.00	147.00	ug/L	74
09/24/93	05-MW-14-01	MSMSD2309240819	200.00	156.00	ug/L	78
10/08/93	08-SW-01-01	MSMSD2310080817	194.00	155.00	ug/L	80
10/08/93	08-SW-02-01	MSMSD2310080817	194.00	161.00	ug/L	83
10/08/93	08-SW-03-01	MSMSD2310080817	202.00	167.00	ug/L	83
10/08/93	22-GP-01-01	MSMSD2310080817	211.00	149.00	ug/L	71
10/08/93	22-GP-02-01	MSMSD2310080817	204.00	171.00	ug/L	84
10/08/93	22-GP-03-01	MSMSD2310080817	204.00	154.00	ug/L	76
10/11/93	08-GP-01-01	MSMSD2310110812	196.00	133.00	ug/L	68
10/11/93	08-GP-02-01	MSMSD2310110812	198.00	136.00	ug/L	69
10/11/93	08-GP-03-01	MSMSD2310110812	192.00	137.00	ug/L	71
Number of Sa	amples : 4	 17	Below acceptance :	0		
Mean % Reco	•	88.8	Above acceptance :	0		
riean / Reco	viation :	11.27	Acceptance Criteria	10-123		

09/20/93	06-MW-07-DS-01	MSMSD1309201450	98.00	81.70	ug/L	83	
06/14/93	12-MW-02-DS-03	MSMSD2306140820	100.00	92.30	ug/L	92	
06/15/93	07-MW-02-DS-03	MSMSD2306150816	104.00	93.80	ug/L	90	
06/23/93	05-MW-03-DS-03	MSMSD2306230826	100.00	78.90	ug/L	79	
09/24/93	05-MW-14-DS-01	MSMSD2309240819	- 100.00	87.80	ug/L	88	
10/08/93	08-SW-01-DS-01	MSMSD2310080817	100.00	95.60	ug/L	96	

Number of Samples : 6 Below acceptance : 0
Mean % Recovery : 88.0 Above acceptance : 0
Standard Deviation : 6.16 Acceptance Criteria 43-116

DATE ORIG. AMOUNT AMOUNT RESULT %

ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVER
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Method : SW8270 - Semivolatile Organics Spiked Analyte : 2-Fluorobiphenyl continued

Type of Spike : Surrogate - Laboratory Control

Type of Spike : Surrogate - Laboratory Control

06/23/93	LCS	MSMSD1306231041	100.00	84.00	ug/L	84
06/23/93	LCSD	MSMSD1306231041	100.00	86.20	ug/L	86
<b>0</b> 8/ <b>1</b> 7/93	LCS	MSMSD1308171507	100.00	85.90	ug/L	86
08/17/93	LCSD	MSMSD1308171507	100.00	88.80	ug/L	89
08/25/93	LCS	MSMSD1308251013	100.00	91.40	ug/L	91
08/25/93	LCSD	MSMSD1308251013	100.00	80.00	ug/L	80
09/20/93	LCS	MSMSD1309201450	100.00	90.90	ug/L	91
09/20/93	LCSD	MSMSD1309201450	100.00	83.70	ug/L	84
09/23/93	LCS	MSMSD1309230953	100.00	84.50 *	ug/L	84
09/23/93	LCSD	MSMSD1309230953	100.00	89.60 *	ug/L	90
06/14/93	LCS	MSMSD2306140820	100.00	91.30	ug/L	91
06/14/93	LCS	MSMSD2306140820	100.00	101.00	ug/L	101
06/14/93	LCSD	MSMSD2306140820	100.00	94.70	ug/L	95
06/14/93	LCSD	MSMSD2306140820	100.00	84.50	ug/L	84
06/15/93	LCŚ	MSMSD2306150816	100.00	85.30	ug/L	85
06/15/93	LCS	MSMSD2306150816	100.00	85.30	ug/L	85
06/15/93	LCSD	MSMSD2306150816	100.00	92.60	ug/L	93
06/15/93	LCSD	MSMSD2306150816	100.00	92.60	ug/L	93
06/16/93	LCS	MSMSD2306160814	100.00	84.10	ug/L	84
06/16/93	LCSD	MSMSD2306160814	100.00	92.00	ug/L	92
06/22/93	LCS	MSMSD2306220822	100.00	87.50	ug/L	88
06/22/93	LCSD	MSMSD2306220822	100.00	95.20	ug/L	95
06/23/93	LCS	MSMSD2306230826	100.00	93.50	ug/L	94
06/23/93	LCSD	MSMSD2306230826	100.00	95.90	ug/L	96
06/24/93	LCS	MSMSD2306240908	100.00	92.60	ug/L	93
06/24/93	LCS	MSMSD2306240908	100.00	98.70	ug/L	99
06/24/93	LCSD	MSMSD2306240908	100.00	85.20	ug/L	85
06/24/93	LCSD	MSMSD2306240908	100.00	94.60	ug/L	95
08/07/93	LCS	MSMSD2308070819	100.00	78.20	ug/L	78
09/24/93	LCS	MSMSD2309240819	100.00	90.40	ug/L	90
09/24/93	LCSD	MSMSD2309240819	100.00	90.00	ug/L	90
10/08/93	LCS	MSMSD2310080817	100.00	79.60	ug/L	80
10/08/93	LCSD	MSMSD2310080817	100.00	86.30	ug/L	86
10/11/93	LCS	MSMSD2310110812	100.00	94.60	ug/L	95
10/11/93	LCSD	MSMSD2310110812	100.00	93.70	ug/L	94

Number of Samples : 35
Mean % Recovery : 89.3
Standard Deviation : 5.53

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 43-116

DATE ORIG. AMOUNT RESULT %

ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY
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Method : SW8270 - Semivolatile Organics Spiked Analyte : 2-Fluorobiphenyl continued

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

						•
06/23/93	05-MW-01-03	MSMSD1306231041	102.00	85.60	ug/L 8	4
06/23/93	05-MW-02-03	MSMSD1306231041	102.00	84.90	ug/L 8	3
06/23/93	05-MW-04-03	MSMSD1306231041	103.00	69.70	ug/L 6	8
06/23/93	05-MW-06-03	MSMSD1306231041	102.00	91.50	ug/L 9	0
08/17/93	07-MW-01-03	MSMSD1308171507	111.00	94.50	ug/L 8	5
08/18/93	07-MW-03-03	MSMSD1308171507	109.00	96.00	ug/L 8	8
08/25/93	07-SW-03-01	MSMSD1308251013	99.50	85.70	ug/L 80	6
08/25/93	07-SW-04-01	MSMSD1308251013	100.00	81.90	ug/L 8	2
08/25/93	07-SW-05-01	MSMSD1308251013	111.00	99.60	ug/L 9	0
08/25/93	07-SW-06-01	MSMSD1308251013	108.00	90.00	ug/L 8	
08/26/93	07-SW-07-01	MSMSD1308251013	109.00	94.10	ug/L 8	6
09/20/93	05-MW-13-01	MSMSD1309201450	101.00	88.20	ug/L 8	
09/20/93	06-MW-07-01	MSMSD1309201450	100.00	76.50	ug/L 7	6
09/20/93	10-MW-04-01	MSMSD1309201450	102.00	76.00	ug/L 7	
09/23/93	05-MW-15-01	MSMSD1309230953	98.00	86.50	ug/L 8	
09/23/93	09-MW-15-01	MSMSD1309230953	105.00	95.30	ug/L 9	
06/14/93	04-MW-02-03	MSMSD2306140820	100.00	95.50	ug/L 9	
06/14/93	04-MW-03-03	MSMSD2306140820	100.00	96.30	ug/L 9	
06/14/93	10-MW-03-03	MSMSD2306140820	99.00	90.00	ug/L 9	
06/14/93	12-MW-01-03	MSMSD2306140820	100.00	93.80	ug/L 9	
06/14/93	12-MW-02-03	MSMSD2306140820	99.00	91.20	ug/L 9	
06/15/93	06-MW-03-03	MSMSD2306150816	99.00	84.30	ug/L 8	
06/15/93	07-MW-02-03	MSMSD2306150816	100.00 -	89.50	ug/L 9	
06/15/93	10-MW-01-03	MSMSD2306150816	101.00	81.70	ug/L 8	
06/15/93	10-MW-02-03	MSMSD2306150816	101.00	85.80	ug/L 8	
06/22/93	06-MW-01-03	MSMSD2306220822	105.00	96.10	ug/L 9	
06/22/93	06-MW-02-03	MSMSD2306220822	107.00	90.00	ug/L 8	
06/22/93	06-MW-04-03	MSMSD2306220822	104.00	91.60	ug/L 8	
06/22/93	09-MW-01-03	MSMSD2306220822	99.50	88.60	ug/L 8	
06/22/93	09-MW-02-03	MSMSD2306220822	100.00	89.40	ug/L 8	
06/22/93	09-MW-03-03	MSMSD2306220822	100.00	90.20	ug/L 9	
06/22/93	09-MW-04-03	MSMSD2306220822	101.00	90.10	ug/L 9	
06/22/93	09-MW-05-03	MSMSD2306220822	105.00	93.20	ug/L 8	
06/22/93	09-MW-06-03	MSMSD2306220822	105.00	96.50	ug/L 9	
06/23/93	05-MW-03-03	MSMSD2306230826	102.00	81.40	ug/L 8	
06/24/93	05-MW-05-03	MSMSD2306240908	99.50	75.30	ug/L 7	
08/07/93	07-MW-04-03	MSMSD2308070819	98.50	78.70	ug/L 8	
09/24/93	05-MW-14-01	MSMSD2309240819	100.00	85.20	ug/L 8	
10/08/93	08-SW-01-01	MSMSD2310080817	97.10	90.30	ug/L 9	
10/08/93	08-SW-02-01	MSMSD2310080817	97.10	88.60	ug/L 9	
10/08/93	08-SW-03-01	MSMSD2310080817	101.00	88.70	ug/L 8	
10/08/93	22-GP-01-01	MSMSD2310080817	105.00	92.30	ug/L 8	
10/08/93	22-GP-02-01	MSMSD2310080817	102.00	91.10	ug/L 8	9

Δ	DATE NALYZED	SAMPLE ID		BATCH ID	ORIG. AMOU		RESUL	
-					RESULT SPIN	(ED RECOVERED	UNIT 	RECOVE
		- Semivolatile Or	-					
spiked Anai	yte : Z-Fluoro	obiphenyl continu	ed					
ſype of Spi∣	ke : Surrogate	e - Normal Sample						
	0/08/93	22-GP-03-01		MSMSD2310080817	102.00	87.50	ug/L	86
	0/11/93	08-GP-01-01		MSMSD2310110812	98.00		ug/L	82
	0/11/93	08-GP-02-01		MSMSD2310110812	99.00		ug/L	83
1( 	0/11/93 	08-GP-03-01		MSMSD2310110812	96.20	81.40	ug/L	85
	Number of Sam	ıples	: 47		Below acceptance :	0		
	Mean % Recove	•	: 86.4		Above acceptance :	0		
	Standard Devi	ation	: 5.59	)	Acceptance Criteria	43-116		
	nod : SW8270 - /te : 2-Fluoro	Semivolatile Org	ganics					
Type of Spi	ke : Surrogat	e - Field Duplica	ate					
09	9/20/93	06-MW-07-DS-0	1	MSMSD1309201450	196.00	101.00	ug/L	52
06	5/14/93	12-MW-02-DS-03	3	MSMSD2306140820	200.00	121.00	ug/L	60
06	5/15/93	07-MW-02-DS-03	3	MSMSD2306150816	207.00	136.00	ug/L	66
	5/23/93	05-MW-03-DS-03	3 .	MSMSD2306230826	200.00	112.00	ug/L	56
	/24/93	05-MW-14-DS-01		MSMSD2309240819	200.00	127.00	ug/L	64
10	)/08/93 	08-SW-01-DS-03	l 	MSMSD2310080817	200.00	116.00	ug/L	58
	Number of Sam	ples	: 6		Below acceptance :	0		
	Mean % Recove	m)/	FO 2			0		
	mean & Recove	ı y	59.3		Above acceptance :	0		
	Standard Devi	*	59.3		Above acceptance : Acceptance Criteria	21-100		
	Standard Devi	ation :	5.16		•	-		
	Standard Devi	*	5.16		•	-		
Type of Spi	Standard Devi	ation : e - Laboratory Co	5.16	MSMSD1306231041	•	-	ug/L	58
Type of Spi 06 06	Standard Devi ke : Surrogat /23/93 /23/93	ation : e - Laboratory Cc LCS LCSD	5.16		Acceptance Criteria	21-100	ug/L ug/L	58 60
Type of Spi 06 06 08	Standard Devi ke : Surrogat /23/93 /23/93 /17/93	ation :  e - Laboratory Co  LCS  LCSD  LCS	5.16	MSMSD1306231041	Acceptance Criteria 200.00	21-100		
Type of Spi 06 08 08	Standard Devi ke : Surrogat /23/93 /23/93 /17/93 /17/93	ation :  e - Laboratory Co  LCS  LCSD  LCS  LCSD  LCSD	5.16	MSMSD1306231041 MSMSD1306231041	Acceptance Criteria 200.00 200.00	21-100 116.00 121.00	ug/L	60
Type of Spi 06 06 08 08 08	Standard Devi ke : Surrogat /23/93 /23/93 /17/93 /17/93 /25/93	ation :  e - Laboratory Co  LCS  LCSD  LCS  LCSD  LCSD  LCSD  LCSD	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013	Acceptance Criteria 200.00 200.00 200.00	21-100 116.00 121.00 123.00	ug/L ug/L	60 61
Type of Spi 06 06 08 08 08 08	Standard Devi ke : Surrogat /23/93 /23/93 /17/93 /17/93 /25/93 /25/93	ation :  e - Laboratory Co  LCS  LCSD  LCS  LCSD  LCSD  LCSD  LCSD  LCS	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013	Acceptance Criteria  200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00	ug/L ug/L ug/L	60 61 63
Type of Spi 06 06 08 08 08 08	Standard Devi ke : Surrogat /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93	ation :  e - Laboratory Co  LCS  LCSD  LCS  LCSD  LCSD  LCSD  LCSD  LCS  LCS	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013	Acceptance Criteria  200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00	ug/L ug/L ug/L ug/L	60 61 63 57
Type of Spi 06 06 08 08 08 09	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93	ation :  E - Laboratory Co  LCS  LCSD  LCS  LCSD  LCSD  LCS  LCSD  LCSD  LCSD  LCSD  LCSD  LCSD	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66
Type of Spi 06 08 08 08 08 09	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93 /23/93	ation :	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 *	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62
Type of Spi 06 08 08 08 08 09 09	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93 /23/93 /23/93	ation CC  LCS  LCSD  LCSD  LCSD  LCSD  LCSC  LCSD  LCSD  LCSC  LCSD  LCSC  LCSD  LCSC  LCSD  LCSC  LCSD  LCSC  LCSD  LCSC  LCSD	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 *	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62 64
Type of Spi 06 08 08 08 09 09 09	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /25/93 /25/93 /20/93 /20/93 /23/93 /23/93 /14/93	ation :	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 * 128.00 * 118.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62 64 59
Type of Spi  06  08  08  08  09  09  09  06  06	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93 /20/93 /23/93 /23/93 /14/93 /14/93	ation :	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 * 128.00 * 118.00 131.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62 64 59 65
Type of Spi  06  08  08  08  09  09  09  09  06  06	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93 /20/93 /23/93 /14/93 /14/93 /14/93	ation :	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 * 128.00 131.00 122.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62 64 59 65 61
Type of Spi  06  08  08  08  09  09  09  06  06  06	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93 /20/93 /23/93 /14/93 /14/93 /14/93 /14/93	ation :	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 * 128.00 * 118.00 131.00 122.00 136.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62 64 59 65 61 68
Type of Spi  06  08  08  08  09  09  09  06  06  06  06	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93 /20/93 /23/93 /14/93 /14/93 /14/93 /14/93 /15/93	ation :	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD13092306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306150816	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100  116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 * 128.00 * 118.00 131.00 122.00 136.00 121.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62 64 59 65 61 68 60
Type of Spi  06 08 08 08 08 09 09 09 09 06 06 06 06 06 06	Standard Devi  ke : Surrogat  /23/93 /23/93 /17/93 /17/93 /25/93 /25/93 /20/93 /20/93 /20/93 /23/93 /14/93 /14/93 /14/93 /14/93	ation :	5.16	MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820	200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	21-100 116.00 121.00 123.00 126.00 114.00 103.00 128.00 133.00 124.00 * 128.00 * 118.00 131.00 122.00 136.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	60 61 63 57 52 64 66 62 64 59 65 61 68

DATE					AMOUNT	AMOUNT	RESULT	
ANALYZED	SAMPLE ID		BATCH ID	RESULT S	SPIKED	RECOVERED	UNIT	RECOVE
	- Semivolatile C	-						
spiked Analyte : 2-Fluo	rophenol continue	ed						
ype of Spike : Surroga	te - Laboratory C	Control						
06/15/93	LCSD		MSMSD2306150816	200	0.00	133.00	ug/L	67
06/16/93	LCS		MSMSD2306160814	200	0.00	116.00	ug/L	58
06/16/93	LCSD		MSMSD2306160814	200	0.00	132.00	ug/L	66
06/22/93	LCS		MSMSD2306220822	200	0.00	138.00	ug/L	69
06/22/93	LCSD		MSMSD2306220822	200	0.00	139.00	ug/L	70
06/23/93	LCS		MSMSD2306230826	200	0.00	126.00	ug/L	63
06/23/93	LCSD		MSMSD2306230826	200	0.00	132.00	ug/L	66
06/24/93	LCS		MSMSD2306240908	200	0.00	144.00	ug/L	72
06/24/93	LCS		MSMSD2306240908	200	0.00	128.00	ug/L	64
06/24/93	LCSD		MSMSD2306240908	200	0.00	127.00	ug/L	64
06/24/93	LCSD		MSMSD2306240908	200	0.00	128.00	ug/L	64
08/07/93	LCS		MSMSD2308070819	200	0.00	115.00	ug/L	58
09/24/93	LCS		MSMSD2309240819	200	0.00	135.00	ug/L	68
09/24/93	LCSD		MSMSD2309240819	200	0.00	135.00	ug/L	68
10/08/93	LCS		MSMSD2310080817	200	0.00	133.00	ug/L	66
10/08/93	LCSD		MSMSD2310080817	200	0.00	126.00	ug/L	63
10/11/93	LCS		MSMSD2310110812	200	0.00	138.00	ug/L	69
10/11/93	LCSD		MSMSD2310110812	200	0.00	138.00	ug/L	69
Number of S	amples	: 35		Below acceptance	:	0		
Number of S Mean % Reco	-	: 35 : 63.7		Below acceptance Above acceptance		0 0		
	very			•	:	_		
Mean % Reco Standard De	very	: 63.7 : 4.39		Above acceptance	:	0		
Mean % Reco Standard De Type of Spike : Surrog	very viation ate - Normal Samp	: 63.7 : 4.39		Above acceptance Acceptance Criter	: ria 2	0 11–100	/1	<b>5</b> 2
Mean % Reco Standard De Type of Spike : Surrog 06/23/93	very viation ate - Normal Samp 05-MW-01-03	: 63.7 : 4.39	MSMSD1306231041	Above acceptance Acceptance Criter	: ria 2 4.00	0 11-100 108.00	ug/L	53
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93	very viation  ate - Normal Samp  05-MW-01-03  05-MW-02-03	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041	Above acceptance Acceptance Criter	: ria 2 4.00 4.00	0 11-100 108.00 112.00	ug/L	55
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93	very viation ate - Normal Samp 05-MW-01-03 05-MW-02-03 05-MW-04-03	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041	Above acceptance Acceptance Criter	: ria 2 4.00 4.00 5.00	0 :1-100 108.00 112.00 99.40	ug/L ug/L	55 48
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93	very viation ate - Normal Samp 05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041	Above acceptance Acceptance Criter	: ria 2 4.00 4.00 5.00 4.00	108.00 112.00 99.40 107.00	ug/L ug/L ug/L	55 48 52
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93	very viation ate - Normal Samp 05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03 07-MW-01-03	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507	Above acceptance Acceptance Criter	: ria 2 4.00 4.00 5.00 4.00 2.00	108.00 112.00 99.40 107.00 118.00	ug/L ug/L ug/L ug/L	55 48 52 53
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/18/93	very viation ate - Normal Samp 05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-MW-03-03	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507	Above acceptance Acceptance Criter	: ria 2 4.00 4.00 5.00 4.00 2.00 7.00	108.00 112.00 99.40 107.00 118.00 128.00	ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/18/93 08/25/93	very viation  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-MW-03-03 07-SW-03-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013	Above acceptance Acceptance Criter  204 205 204 222 217 199	: ria 2 4.00 4.00 5.00 4.00 2.00 7.00 9.00	108.00 112.00 99.40 107.00 118.00 96.60	ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/18/93 08/25/93	very viation  ate - Normal Samp  05-MW-01-03  05-MW-02-03  05-MW-04-03  05-MW-06-03  07-MW-01-03  07-MW-03-03  07-SW-03-01  07-SW-04-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013	Above acceptance Acceptance Criter  204 204 205 204 222 217 199 200	1.00 4.00 5.00 4.00 2.00 7.00 9.00	108.00 112.00 99.40 107.00 118.00 96.60 99.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/18/93 08/25/93 08/25/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-MW-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013	Above acceptance Acceptance Criter  204 204 205 204 222 217 199 200 222	: ria 2 4.00 4.00 5.00 4.00 2.00 7.00 9.00 0.00 2.00	108.00 112.00 99.40 107.00 118.00 96.60 99.50 118.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-01-03 07-MW-01-03 07-WW-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013	Above acceptance Acceptance Criter  204 205 204 222 217 199 200 222 215	: ria 2 4.00 4.00 5.00 4.00 2.00 7.00 9.00 0.00 2.00 5.00	108.00 112.00 99.40 107.00 118.00 128.00 96.60 99.50 118.00 118.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-MW-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01 07-SW-07-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013	Above acceptance Acceptance Criter  204 205 204 222 217 199 200 222 215	: ria 2 4.00 4.00 5.00 4.00 2.00 7.00 9.00 0.00 2.00 9.00	108.00 112.00 99.40 107.00 118.00 128.00 96.60 99.50 118.00 118.00 124.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-WW-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01 07-SW-07-01 05-MW-13-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013	Above acceptance Acceptance Criter  204 205 204 222 217 199 200 222 215 219	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	108.00 112.00 99.40 107.00 118.00 96.60 99.50 118.00 118.00 124.00 95.10	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 08/26/93 09/20/93	05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-MW-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01 07-SW-07-01 05-MW-13-01 06-MW-07-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450	Above acceptance Acceptance Criter  204 205 204 222 217 199 200 222 215 219 202 200	: ria 2 4.00 4.00 5.00 4.00 5.00 6.00 6.00 6.00 6.00 6.00 6.00 6	108.00 112.00 99.40 107.00 118.00 128.00 96.60 99.50 118.00 118.00 124.00 95.10 84.60	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47 42
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/26/93 09/20/93 09/20/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-01-03 07-MW-01-03 07-W-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01 07-SW-07-01 05-MW-13-01 06-MW-07-01 10-MW-04-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309201450	Above acceptance Acceptance Criter  204 204 205 204 222 217 199 200 222 215 219 202 200 204	: ria 2 4.00 4.00 4.00 5.00 4.00 9.00 9.00 9.00 9.00 9.00 9.00 4.00	108.00 112.00 99.40 107.00 118.00 128.00 96.60 99.50 118.00 118.00 124.00 95.10 84.60 79.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47 42 39
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 08/26/93 09/20/93	05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-MW-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01 07-SW-07-01 05-MW-13-01 06-MW-07-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953	Above acceptance Acceptance Criter  204 204 205 204 222 217 199 200 222 215 219 202 204 196	: ria 2 4.00 4.00 5.00 4.00 2.00 7.00 9.00 9.00 9.00 9.00 9.00 9.00 9	108.00 112.00 99.40 107.00 118.00 128.00 96.60 99.50 118.00 118.00 124.00 95.10 84.60 79.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47 42 39 59
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/26/93 09/20/93 09/20/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-01-03 07-MW-01-03 07-W-03-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01 07-SW-07-01 05-MW-13-01 06-MW-07-01 10-MW-04-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953	Above acceptance Acceptance Criter  204 204 205 204 222 217 199 200 222 215 219 202 204 196 211	1.00 1.00 1.00 1.00 1.00 1.00 1.00	108.00 112.00 99.40 107.00 118.00 96.60 99.50 118.00 124.00 95.10 84.60 79.40 117.00 130.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47 42 39 59 62
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 09/20/93 09/20/93 09/20/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-01-03 07-MW-01-03 07-SW-03-01 07-SW-03-01 07-SW-04-01 07-SW-06-01 07-SW-06-01 07-SW-07-01 05-MW-13-01 06-MW-07-01 10-MW-04-01 05-MW-15-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953	Above acceptance Acceptance Criter  204 204 205 204 222 217 199 200 222 215 219 202 204 196 211	1.00 1.00 1.00 1.00 2.00 7.00 2.00 2.00 2.00 2.00 2.00 2	108.00 11-100 108.00 112.00 99.40 107.00 118.00 128.00 96.60 99.50 118.00 124.00 95.10 84.60 79.40 117.00 130.00 120.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47 42 39 59 62 60
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 09/20/93 09/20/93 09/20/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-01-03 07-MW-01-03 07-SW-03-01 07-SW-03-01 07-SW-05-01 07-SW-06-01 07-SW-06-01 07-SW-07-01 05-MW-13-01 06-MW-07-01 10-MW-04-01 05-MW-15-01	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953	Above acceptance Acceptance Criter  204 204 205 204 222 217 199 200 222 215 219 202 204 196 211	1.00 1.00 1.00 1.00 1.00 1.00 1.00	108.00 112.00 99.40 107.00 118.00 96.60 99.50 118.00 124.00 95.10 84.60 79.40 117.00 130.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47 42 39 59 62
Mean % Reco Standard De Type of Spike : Surrog 06/23/93 06/23/93 06/23/93 06/23/93 06/23/93 08/17/93 08/17/93 08/18/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 08/25/93 09/20/93 09/20/93 09/20/93 09/20/93 09/23/93 09/23/93	very viation  ate - Normal Samp  05-MW-01-03 05-MW-02-03 05-MW-04-03 05-MW-06-03 07-MW-01-03 07-SW-03-01 07-SW-04-01 07-SW-05-01 07-SW-06-01 07-SW-07-01 05-MW-13-01 06-MW-07-01 10-MW-04-01 05-MW-15-01 09-MW-15-01 04-MW-02-03	: 63.7 : 4.39	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953	Above acceptance Acceptance Criter  204 205 204 222 217 199 200 222 215 219 200 204 196 211 200 200	1.00 1.00 1.00 1.00 2.00 7.00 2.00 2.00 2.00 2.00 2.00 2	108.00 11-100 108.00 112.00 99.40 107.00 118.00 128.00 96.60 99.50 118.00 124.00 95.10 84.60 79.40 117.00 130.00 120.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	55 48 52 53 59 49 50 53 55 56 47 42 39 59 62 60

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	- Semivolatile (	_	anics						
of Spike : Surroga	•								
06/14/93	12-MW-02-03			MSMSD2306140820		198.00	115.00	ug/L	58
06/15/93	06-MW-03-03			MSMSD2306150816		198.00	126.00	ug/L	64
06/15/93	07-MW-02-03			MSMSD2306150816		200.00	111.00	ug/L ug/L	55
06/15/93	10-MW-01-03			MSMSD2306150816		202.00	119.00	ug/L	59
06/15/93	10-MW-02-03			MSMSD2306150816		202.00	121.00	ug/L	60
06/22/93	06-MW-01-03			MSMSD2306220822		211.00	130.00	ug/L	62
06/22/93	06-MW-02-03			MSMSD2306220822		214.00	114.00	ug/L	53
06/22/93	06-MW-04-03			MSMSD2306220822		208.00	123.00	ug/L	59
06/22/93	09-MW-01-03			MSMSD2306220822		199.00	121.00	ug/L	61
06/22/93	09-MW-02-03			MSMSD2306220822		200.00	125.00	ug/L	62
06/22/93	09-MW-03-03			MSMSD2306220822		200.00	127.00	ug/L	64
06/22/93	09-MW-04-03			MSMSD2306220822		201.00	117.00	ug/L	58
06/22/93	09-MW-05-03			MSMSD2306220822		211.00	134.00	ug/L	64
06/22/93	09-MW-06-03			MSMSD2306220822		211.00	127.00	ug/L	60
06/23/93	05-MW-03-03			MSMSD2306230826		203.00	120.00	ug/L	59
06/24/93	05-MW-05-03			MSMSD2306240908		199.00	98.80	ug/L	50
08/07/93	07-MW-04-03			MSMSD2308070819		197.00	110.00	ug/L	56
09/24/93	05-MW-14-01			MSMSD2309240819		200.00	128.00	ug/L	64
10/08/93	08-SW-01-01			MSMSD2310080817		194.00	111.00	ug/L	57
10/08/93	08-SW-02-01			MSMSD2310080817		194.00	127.00	ug/L	66
10/08/93	08-SW-03-01			MSMSD2310080817		202.00	108.00	ug/L	54
10/08/93	22-GP-01-01			MSMSD2310080817		211.00	115.00	ug/L	55
10/08/93	22-GP-02-01			MSMSD2310080817		204.00	128.00	ug/L	63
10/08/93	22-GP-03-01			MSMSD2310080817		204.00	104.00	ug/L	51
10/11/93	08-GP-01-01			MSMSD2310110812		196.00	108.00	ug/L	55
10/11/93	08-GP-02-01			MSMSD2310110812		198.00	112.00	ug/L	56
10/11/93	08-GP-03-01			MSMSD2310110812		192.00	103.00	ug/L	54
Number of Sa	amples	:	47		Below accepta	nce :	0		
Mean % Reco	/ery	:	56.5		Above accepta		0		
Standard Dev	/iation	:	5.92		Acceptance Cr		21-100		

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Nitrobenzene-d5

Type of Spike : Surrogate - Field Duplicate

Mean % Recovery

09/20/93	06-MW-07-	DS-01	MSMSD1309201450	98.00	89.40	ug/L	91
06/14/93	12-MW-02-	DS-03	MSMSD2306140820	100.00	89.60	ug/L	90
06/15/93	07-MW-02-	DS-03	MSMSD2306150816	104.00	91.60	ug/L	88
06/23/93	05-MW-03-	DS-03	MSMSD2306230826	100.00	89.00	ug/L	89
09/24/93	05-MW-14-	DS-01	MSMSD2309240819	100.00	85.20	ug/L	85
10/08/93	08-SW-01-	DS-01	MSMSD2310080817	100.00	87.40	ug/L	87
Number of	Samples	: 6		Below acceptance :	0		

Date Compiled: 30 April 1994 ND = Not Detected

NC = Not Calculable

Above acceptance :

NS = Not Specified

: 88.3

RESULT % ORIG. AMOUNT AMOUNT DATE SPIKED RECOVERED UNIT RECOVERY BATCH ID RESULT SAMPLE ID ANALYZED ____

Method : SW8270 - Semivolatile Organics Spiked Analyte : Nitrobenzene-d5 continued

Type of Spike : Surrogate - Field Duplicate

Standard Deviation

2.16

Acceptance Criteria 35-114

Type of Sp	ike :	Surrogate -	Laboratory	Control
------------	-------	-------------	------------	---------

06/23/93	LCS	MSMSD1306231041	100.00	80.40	ug/L	80
06/23/93	LCSD	MSMSD1306231041	100.00	82.60	ug/L	83
08/17/93	LCS	MSMSD1308171507	100.00	88.30	ug/L	88
08/17/93	LCSD	MSMSD1308171507	100.00	94.10	ug/L	94
08/25/93	LCS	MSMSD1308251013	100.00	90.20	ug/L	90
08/25/93	LCSD	MSMSD1308251013	100.00	78.50	ug/L	78
09/20/93	LCS	MSMSD1309201450	100.00	99.60	ug/L	100
09/20/93	LCSD	MSMSD1309201450	100.00	102.00	ug/L	102
09/23/93	LCS	MSMSD1309230953	100.00	97.10 *	ug/L	97
09/23/93	LCSD	MSMSD1309230953	100.00	101.00 *	ug/L	101
06/14/93	LCS	MSMSD2306140820	100.00	94.00	ug/L	94
06/14/93	LCS	MSMSD2306140820	100.00	103.00	ug/L	103
06/14/93	LCSD	MSMSD2306140820	100.00	93.90	ug/L	94
06/14/93	LCSD .	MSMSD2306140820	100.00	87.80	ug/L	88
06/15/93	LCS	MSMSD2306150816	100.00	88.00	ug/L	88
06/15/93	LCS	MSMSD2306150816	100.00	88.00	ug/L	88
06/15/93	LCSD	MSMSD2306150816	100.00	93.10	ug/L	93
06/15/93	LCSD	MSMSD2306150816	100.00	93.10	ug/L	93
06/16/93	LCS	MSMSD2306160814	100.00	83.30	ug/L	83
06/16/93	LCSD	MSMSD2306160814	100.00	93.80	ug/L	94
06/22/93	LCS	MSMSD2306220822	100.00	98.00	ug/L	98
06/22/93	LCSD	MSMSD2306220822	100.00	105.00	ug/L	105
06/23/93	LCS	MSMSD2306230826	100.00	95.60	ug/L	96
06/23/93	LCSD	MSMSD2306230826	100.00	99.00	ug/L	99
06/24/93	LCS	MSMSD2306240908	100.00	101.00	ug/L	101
06/24/93	LCS	MSMSD2306240908	100.00	94.40	ug/L	94
06/24/93	LCSD	MSMSD2306240908	100.00	94.80	ug/L	95
06/24/93	LCSD	MSMSD2306240908	100.00	97.60	ug/L	98
08/07/93	LCS	MSMSD2308070819	100.00	75.00	ug/L	75
09/24/93	LCS	MSMSD2309240819	100.00	86.30	ug/L	86
09/24/93	LCSD	MSMSD2309240819	100.00	86.70	ug/L	87
10/08/93	LCS	MSMSD2310080817	100.00	92.50	ug/L	92
10/08/93	LCSD	MSMSD2310080817	100.00	87.70	ug/L	88
10/11/93	LCS	MSMSD2310110812	100.00	90.00	ug/L	90
10/11/93	LCSD	MSMSD2310110812	100.00	88.80	ug/L	89
				. <b></b>		

Number of Samples

: 35

Below acceptance :

0

Mean % Recovery

: 92.1

Above acceptance :

Standard Deviation

: 7.19

Acceptance Criteria 35-114

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics Spiked Analyte : Nitrobenzene-d5 continued

Type of Spike : Surrogate - Normal Sample

Type of Spike : Surrogate - Normal Sample

						-
06/23/93	05-MW-01-03	MSMSD1306231041	102.00	78.60	ug/L	77
06/23/93	05-MW-02-03	MSMSD1306231041	102.00	78.00	ug/L	76
06/23/93	05-MW-04-03	MSMSD1306231041	103.00	77.90	ug/L	76
06/23/93	05-MW-06-03	MSMSD1306231041	102.00	78.60	ug/L	77
08/17/93	07-MW-01-03	MSMSD1308171507	111.00	92.50	ug/L	83
08/18/93	07-MW-03-03	MSMSD1308171507	109.00	95.50	ug/L	88
08/25/93	07-SW-03-01	MSMSD1308251013	99.50	85.50	ug/L	86
08/25/93	07-SW-04-01	MSMSD1308251013	100.00	81.20	ug/L	81
08/25/93	07-SW-05-01	MSMSD1308251013	111.00	97.60	ug/L	88
08/25/93	07-SW-06-01	MSMSD1308251013	108.00	92.20	ug/L	86
08/26/93	07-SW-07-01	MSMSD1308251013	109.00	91.50	ug/L	84
09/20/93	05-MW-13-01	MSMSD1309201450	101.00	94.80	ug/L	94
09/20/93	06-MW-07-01	MSMSD1309201450	100.00	94.30	ug/L	94
09/20/93	10-MW-04-01	MSMSD1309201450	102.00	89.90	ug/L	88
09/23/93	05-MW-15-01	MSMSD1309230953	98.00	94.70	ug/L	97
09/23/93	09-MW-15-01	MSMSD1309230953	105.00	102.00	ug/L	97
06/14/93	04-MW-02-03	MSMSD2306140820	100.00	91.10	ug/L	91
06/14/93	04-MW-03-03	MSMSD2306140820	100.00	93.60	ug/L	94
06/14/93	10-MW-03-03	MSMSD2306140820	99.00	88.00	ug/L	89
06/14/93	12-MW-01-03	MSMSD2306140820	100.00	89.90	ug/L	90
06/14/93	12-MW-02-03	MSMSD2306140820	99.00	85.90	ug/L	87
06/15/93	06-MW-03-03	MSMSD2306150816	99.00	84.80	ug/L	86
06/15/93	07-MW-02-03	MSMSD2306150816	100.00	87.00	ug/L	87
06/15/93	10-MW-01-03	MSMSD2306150816	101.00	81.40	цg/L	81
06/15/93	10-MW-02-03	MSMSD2306150816	101.00	86.20	ug/L	85
06/22/93	06-MW-01-03	MSMSD2306220822	105.00	95.80	ug/L	91
06/22/93	06-MW-02-03	MSMSD2306220822	107.00	88.00	ug/L	82
06/22/93	06-MW-04-03	MSMSD2306220822	104.00	89.50	ug/L	86
06/22/93	09-MW-01-03	MSMSD2306220822	99.50	88.90	ug/L	89
06/22/93	09-MW-02-03	MSMSD2306220822	100.00	86.40	ug/L	86
06/22/93	09-MW-03-03	MSMSD2306220822	100.00	87.40	ug/L	87
06/22/93	09-MW-04-03	MSMSD2306220822	101.00	89.40	ug/L	89
06/22/93	09-MW-05-03	MSMSD2306220822	105.00	91.30	ug/L	87
06/22/93	09-MW-06-03	MSMSD2306220822	105.00	93.80	ug/L	89
06/23/93	05-MW-03-03	MSMSD2306230826	102.00	88.30	ug/L	87
06/24/93	05-MW-05-03	MSMSD2306240908	99.50	83.10	ug/L	84
08/07/93	07-MW-04-03	MSMSD2308070819	98.50	70.50	ug/L	72
09/24/93	05-MW-14-01	MSMSD2309240819	100.00	83.20	ug/L	83
10/08/93	08-SW-01-01	MSMSD2310080817	97.10	85.20	ug/L	88
10/08/93	08-SW-02-01	MSMSD2310080817	97.10	81.70	ug/L	84
10/08/93	08-SW-03-01	MSMSD2310080817	101.00	79.80	ug/L	79
10/08/93	22-GP-01-01	MSMSD2310080817	105.00	81.70	ug/L	78
10/08/93	22-GP-02-01	MSMSD2310080817	102.00	83.30	ug/L	82

	DATE	044045 70		DATOU ID	ORIG. AMOU		RESULT	
	ANALYZED	SAMPLE ID		BATCH ID	RESULT SPIK	ED RECOVERED	UNIT	RECOVE
Me	thod : SW8270	- Semivolatile Or	ganics					
Spiked Ana	lyte : Nitrob	enzene-d5 continue	:d					
ype of Sp	ike : Surroga	te - Normal Sample	<b>!</b>					
	10/08/93	22-GP-03-01		MSMSD2310080817	102.00		ug/L	80
	10/11/93	08-GP-01-01		MSMSD2310110812	98.00		ug/L	78
	10/11/93	08-GP-02-01		MSMSD2310110812	99.00	76.90	ug/L	78
	10/11/93	08-GP-03-01		MSMSD2310110812	96.20	77.20	ug/L	80
	Number of S	·	: 47		Below acceptance :	0		
	Mean % Reco	•	: 85.		Above acceptance :	0		
	Standard De	viation	: 5.	72	Acceptance Criteria	35-114		
	thod : SW8270 lyte : Phenol	<ul> <li>Semivolatile Or</li> </ul>	ganics			•		
pikeu Alia	Tyte . Thenor							
Type of S	pike : Surrog	ate - Field Duplic	ate					
	09/20/93	06-MW-07-DS-0	1	MSMSD1309201450	196.00	79.50	ug/L	40
	06/14/93	12-MW-02-DS-0	3	MSMSD2306140820	200.00	73.40	ug/L	37
	06/15/93	07-MW-02-DS-0	3	MSMSD2306150816	207.00	87.30	ug/L	42
	06/23/93	05-MW-03-DS-0	3	MSMSD2306230826	200.00	69.10	ug/L	34
	09/24/93	05-MW-14-DS-0	1	MSMSD2309240819	200.00	82.90	ug/L	41
	10/08/93	08-SW-01-DS-0	1	MSMSD2310080817	200.00	75.00	ug/L	38
	Number of S		: 6		Below acceptance :	0		
<b></b> -	Number of S Mean % Reco	•		7	Below acceptance : Above acceptance :	0 0		
· <b></b>		very			•			
·	Mean % Reco Standard De	very viation	: 38. : 2.		Above acceptance :	0		
Type of S	Mean % Reco Standard De pike : Surrog	very viation ate - Laboratory C	: 38. : 2.	94	Above acceptance : Acceptance Criteria	0 10-94		
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93	very viation ate - Laboratory C LCS	: 38. : 2.	94 MSMSD1306231041	Above acceptance : Acceptance Criteria 200.00	0 10-94 78.60	ug/L	39
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93	very viation ate - Laboratory C LCS LCSD	: 38. : 2.	MSMSD1306231041 MSMSD1306231041	Above acceptance : Acceptance Criteria  200.00 200.00	0 10-94 78.60 76.60	ug/L	38
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93	very viation ate - Laboratory C LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507	Above acceptance : Acceptance Criteria  200.00 200.00 200.00	78.60 76.60 85.90	ug/L ug/L	38 43
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93	very viation  ate - Laboratory C  LCS  LCSD  LCS  LCSD	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00	ug/L ug/L ug/L	38 43 44
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93	very viation  ate - Laboratory C  LCS  LCSD  LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80	ug/L ug/L ug/L ug/L	38 43 44 42
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93	very viation  ate - Laboratory C  LCS  LCSD  LCS  LCSD  LCSD  LCSD  LCSD  LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80 72.20	ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93	very viation  ate - Laboratory C  LCS  LCSD  LCS  LCSD  LCSD  LCSD  LCSD	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80	ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93	very viation  ate - Laboratory C  LCS  LCSD  LCS  LCSD  LCSD  LCSD  LCSD  LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 72.20 96.80 101.00	ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93	very viation  ate - Laboratory C  LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80 72.20 96.80	ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93	very viation  ate - Laboratory C  LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS LCSD	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 72.20 96.80 101.00	ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 09/20/93 09/20/93 09/20/93	very viation  ate - Laboratory C  LCS  LCSD  LCS  LCSD  LCS  LCSD  LCS  LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309230953	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 72.20 96.80 101.00 86.30 *	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51 43
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93 09/20/93 09/23/93	very viation  ate - Laboratory C  LCS LCSD LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80 72.20 96.80 101.00 86.30 *	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51 43 45
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93 09/20/93 09/23/93 09/23/93 06/14/93	very viation  ate - Laboratory C  LCS LCSD LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80 72.20 96.80 101.00 86.30 * 90.60 *	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51 43 45 37
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93 09/20/93 09/23/93 09/23/93 06/14/93	very viation  ate - Laboratory C  LCS LCSD	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80 72.20 96.80 101.00 86.30 * 90.60 * 73.70 83.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51 43 45 37 42
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 09/25/93 09/20/93 09/20/93 09/23/93 09/23/93 06/14/93 06/14/93	very viation  ate - Laboratory C  LCS LCSD LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD1309230953 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 83.80 72.20 96.80 101.00 86.30 * 90.60 * 73.70 83.00 79.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51 43 45 37 42 40
Type of S	Mean % Reco Standard De pike : Surrog 06/23/93 06/23/93 08/17/93 08/17/93 08/25/93 08/25/93 09/20/93 09/20/93 09/23/93 09/23/93 06/14/93 06/14/93 06/14/93	very viation  ate - Laboratory C  LCS LCSD LCS	: 38. : 2.	MSMSD1306231041 MSMSD1306231041 MSMSD1306231041 MSMSD1308171507 MSMSD1308251013 MSMSD1308251013 MSMSD1309201450 MSMSD1309201450 MSMSD1309230953 MSMSD1309230953 MSMSD13092306140820 MSMSD2306140820 MSMSD2306140820 MSMSD2306140820	Above acceptance : Acceptance Criteria  200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00	78.60 76.60 85.90 88.00 72.20 96.80 101.00 86.30 * 90.60 * 73.70 83.00 79.00 94.40	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	38 43 44 42 36 48 51 43 45 37 42 40 47

NR = Not Reported * = Value considered suspect, refer to QC report

					·			
DATE				ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Method : SW8270	0 - Semivolatile	Organics						
Spiked Analyte : Pheno	1-d5 continued							
Type of Spike : Surroga	ate - Laboratory	Control						
06/15/93	LCSD		MSMSD2306150816		200.00	89.00	ug/L	44
06/16/93	LCS		MSMSD2306160814		200.00	73.80	ug/L	37
06/16/93	LCSD		MSMSD2306160814		200.00	86.60	ug/L	43
06/22/93	LCS		MSMSD2306220822		200.00	90.50	ug/L	45
06/22/93	LCSD		MSMSD2306220822		200.00	87.40	ug/L	44
06/23/93	LCS		MSMSD2306230826		200.00	79.00	ug/L	40
06/23/93	LCSD		MSMSD2306230826		200.00	83.60	ug/L	42
06/24/93	LCS		MSMSD2306240908		200.00	92.50	ug/L	46
06/24/93	LCS		MSMSD2306240908		200.00	82.30		41
06/24/93	LCSD		MSMSD2306240908		200.00	82.50		41
06/24/93	LCSD		MSMSD2306240908		200.00	80.60		40
08/07/93	LCS		MSMSD2308070819		200.00	77.10	-	39
09/24/93	LCS		MSMSD2309240819		200.00	94.00		47
09/24/93	LCSD		MSMSD2309240819		200.00	95.10	-	48
10/08/93	LCS		MSMSD2310080817		200.00	88.40		44
10/08/93	LCSD		MSMSD2310080817		200.00	85.20		43
10/11/93	LCS		MSMSD2310110812		200.00	94.40		47
10/11/93	LCSD		MSMSD2310110812		200.00	98.40		49
Number of S	amples	: 35		Below accepta	<b></b> nce :	0		
Mean % Reco	very	: 42.7		Above accepta		0		
Standard De	viation	: 3.77	7	Acceptance Cr		10-94		
			,		,			
Type of Spike : Surrog	ate - Normal San	ıple						
06/23/93	05-MW-01-03		MSMSD1306231041		204.00	72.10	ug/L	35
06/23/93	05-MW-02-03		MSMSD1306231041		204.00	76.50	ug/L	38
06/23/93	05- <b>MW-</b> 04-03		MSMSD1306231041		205.00	64.80	ug/L	32
06/23/93	05-MW-06-03		MSMSD1306231041		204.00	74.40	ug/L	36
08/17/93	07-MW-01-03		MSMSD1308171507		222.00	89.20	ug/L	40
08/18/93	07-MW-03-03		MSMSD1308171507		217.00	89.60	ug/L	41
08/25/93	07-SW-03-01		MSMSD1308251013		199.00	71.10	ug/L	36
08/25/93	07-SW-04-01		MSMSD1308251013		200.00	74.40	ug/L	37
08/25/93	07-SW-05-01		MSMSD1308251013		222.00	91.30	ug/L	41
08/25/93	07-SW-06-01		MSMSD1308251013		215.00	88.80	ug/L	41
08/26/93	07-SW-07-01		MSMSD1308251013		219.00	93.20	ug/L	43
09/20/93	05-MW-13-01		MSMSD1309201450		202.00	92.60	ug/L	46
09/20/93	06-MW-07-01		MSMSD1309201450		200.00	85.30	ug/L	<b>4</b> 3
09/20/93	10-MW-04-01		MSMSD1309201450		204.00	85.20	ug/L	12
09/23/93	05-MW-15-01		MSMSD1309230953		196.00	80.00		41
09/23/93	09-MW-15-01		MSMSD1309230953		211.00	94.60	-	15
06/14/93	04-MW-02-03		MSMSD2306140820		200.00	76.90		38
06/14/93	04-MW-03-03		MSMSD2306140820		200.00	83.70		12 .
06/14/93	10-MW-03-03		MSMSD2306140820		198.00	82.80		12
06/14/93	12-MW-01-03		MSMSD2306140820		200.00	70.20		35

Date Compiled: 30 April 1994 ND = Not Detected

DATE					ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID			BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
Method : SW8270	- Semivolatile (	irg	anics						
oiked Analyte : Phenol	-d5 continued								
/pe of Spike : Surroga	te - Normal Sampl	е							
06/14/93	12-MW-02-03			MSMSD2306140820		198.00	73.70	ug/L	37
06/15/93	06-MW-03-03			MSMSD2306150816		198.00	74.90	ug/L	38
06/15/93	07-MW-02-03			MSMSD2306150816		200.00	68.50	ug/L	34
06/15/93	10-MW-01-03			MSMSD2306150816		202.00	75.30	ug/L	37
06/15/93	10-MW-02-03			MSMSD2306150816		202.00	78.40	ug/L	39
06/22/93	06-MW-01-03			MSMSD2306220822		211.00	80.80	ug/L	38
06/22/93	06-MW-02-03			MSMSD2306220822		214.00	71.10	ug/L	33
06/22/93	06-MW-04-03			MSMSD2306220822		208.00	78.50	ug/L	38
06/22/93	09-MW-01-03			MSMSD2306220822		199.00	75.40	ug/L	38
06/22/93	09-MW-02-03			MSMSD2306220822		200.00	81.00	ug/L	40
06/22/93	09-MW-03-03			MSMSD2306220822		200.00	80.90	ug/L	40
06/22/93	09-MW-04-03			MSMSD2306220822		201.00	73.70	ug/L	37
06/22/93°	09-MW-05-03			MSMSD2306220822		211.00	88.10	ug/L	42
06/22/93	09-MW-06-03			MSMSD2306220822		211.00	80.30	ug/L	38
06/23/93	05-MW-03-03			MSMSD2306230826		203.00	77.70	ug/L	38
06/24/93	05-MW-05-03			MSMSD2306240908		199.00	65.00	ug/L	33
08/07/93	07-MW-04-03			MSMSD2308070819		197.00	71.50	ug/L	36
09/24/93	05-MW-14-01			MSMSD2309240819		200.00	81.50	ug/L	41
10/08/93	08-SW-01-01			MSMSD2310080817		194.00	70.90	ug/L	36
10/08/93	08-SW-02-01			MSMSD2310080817		194.00	81.10	ug/L	42
10/08/93	08-SW-03-01			MSMSD2310080817		202.00	73.60	ug/L	36
10/08/93	22-GP-01-01			MSMSD2310080817		211.00	82.10	ug/L	39
10/08/93	22-GP-02-01			MSMSD2310080817		204.00	82.10	ug/L	40
10/08/93	22-GP-03-01			MSMSD2310080817		204.00	63.80	ug/L	31
10/11/93	08-GP-01-01			MSMSD2310110812		196.00	71.80	ug/L	37
10/11/93	08-GP-02-01			MSMSD2310110812		198.00	77.60	ug/L	39
10/11/93	08-GP-03-01			MSMSD2310110812		192.00	90.10	ug/L	47
Number of S	amples	 :	47		Below accepta	nce :	0		
Mean % Reco	•	:	38.7		Above accepta		0		
Standard De	•	:	3.49		Acceptance Cr		10-94		

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Equipment Blank

08/25/93 07-SD-07-EB-01 MSMSD1308251013 95.20 95.30 ug/L 100 10/11/93 07-HA-01-EB-01 MSMSD2310110812 118.00 122.00 ug/L 104

Number of Samples: 2Below acceptance : 0Mean % Recovery: 102.0Above acceptance : 0Standard Deviation: 2.83Acceptance Criteria 33-141

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14 continued

Type of Spike : Surrogate - Field Duplicate

Type of Spike : Surrogate - Field Duplicate

09/20/93	06-MW-07-DS-01	MSMSD1309201450	98.00	95.10	ug/L	97
06/14/93	12-MW-02-DS-03	MSMSD2306140820	100.00	93.50	ug/L	94
06/15/93	07-MW-02-DS-03	MSMSD2306150816	104.00	96.50	ug/L	93
06/23/93	05-MW-03-DS-03	MSMSD2306230826	100.00	97.60	ug/L	98
09/24/93	05-MW-14-DS-01	MSMSD2309240819	100.00	99.50	ug/L	100
10/08/93	08-SW-01-DS-01	MSMSD2310080817	100.00	104.00	ug/L	104

Number of Samples : 6 Mean % Recovery : 97.7

: 97.7 Above acceptance : 0 : 4.03 Acceptance Criteria 33-141

Below acceptance :

Type of Spike : Surrogate - Laboratory Control

Standard Deviation

	06/23/93	LCS	MSMSD1306231041	100.00	98.30	ug/L	98
	06/23/93	LCSD	MSMSD1306231041	100.00	98.00	ug/L	98
	08/17/93	LCS	MSMSD1308171507	100.00	93.50	ug/L	94
	08/17/93	LCSD	MSMSD1308171507	100.00	98.00	ug/L	98
	08/25/93	LCS	MSMSD1308251013	100.00	95.40	ug/L	95
	08/25/93	LCSD	MSMSD1308251013	100.00	87.60	ug/L	88
	09/20/93	LCS	MSMSD1309201450	100.00	104.00	ug/L	104
	09/20/93	LCSD	MSMSD1309201450	100.00	102.00	ug/L	102
	09/23/93	LCS	MSMSD1309230953	100.00	92.00 *	ug/L	92
	09/23/93	LCSD	MSMSD1309230953	100.00	102.00 *	ug/L	102
	06/14/93	LCS	MSMSD2306140820	100.00	88.70	ug/L	89
	06/14/93	LCS	MSMSD2306140820	100.00	100.00	ug/L	100
	06/14/93	LCSD	MSMSD2306140820	100.00	95.40	ug/L	95
	06/14/93	LCSD	MSMSD2306140820	100.00	87.50	ug/L	88
	06/15/93	LCS	MSMSD2306150816	100.00	81.80	ug/L	82
	06/15/93	LCS	MSMSD2306150816	100.00	81.80	ug/L	82
	06/15/93	LCSD	MSMSD2306150816	100.00	87.80	ug/L	88
	06/15/93	LCSD	MSMSD2306150816	100.00	87.80	ug/L	88
	06/16/93	LCS	MSMSD2306160814	100.00	84.60	ug/L	85
	06/16/93	LCSD	MSMSD2306160814	100.00	90.60	ug/L	91
	06/22/93	LCS	MSMSD2306220822	100.00	98.80	ug/L	99
	06/22/93	LCSD	MSMSD2306220822	100.00	104.00	ug/L	104
	06/23/93	LCS	MSMSD2306230826	100.00	95.50	ug/L	96
	06/23/93	LCSD	MSMSD2306230826	100.00	97.00	ug/L	97
	06/24/93	LCS	MSMSD2306240908	100.00	96.20	ug/L	96
	06/24/93	LCS	MSMSD2306240908	100.00	102.00	ug/L	102
1	06/24/93	LCSD	MSMSD2306240908	100.00	99.30	ug/L	99
-	06/24/93	LCSD	MSMSD2306240908	100.00	101.00	ug/L	101
(	08/07/93	LCS	MSMSD2308070819	100.00	82.60	ug/L	83

SAMPLE ID	MSMSD2309240819 MSMSD2309240819 MSMSD2310080817 MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	RESULT SPIKE	95.40 97.60 102.00 102.00 97.00 101.00	ug/L ug/L ug/L ug/L ug/L	95 98 102 102 97
Semivolatile Organ -d14 continued - Laboratory Contr  LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS LCSD	MSMSD2309240819 MSMSD2309240819 MSMSD2310080817 MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	100.00 100.00 100.00 100.00 100.00	97.60 102.00 102.00 97.00	ug/L ug/L ug/L ug/L	98 102 102
-d14 continued  - Laboratory Contr  LCS LCSD LCS LCSD LCS LCSD LCS LCSD LCS LCSD	MSMSD2309240819 MSMSD2309240819 MSMSD2310080817 MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	100.00 100.00 100.00 100.00 100.00	97.60 102.00 102.00 97.00	ug/L ug/L ug/L ug/L	98 102 102
- Laboratory Contr  LCS LCSD LCS LCSD LCS LCSD LCS LCSD	MSMSD2309240819 MSMSD2309240819 MSMSD2310080817 MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	100.00 100.00 100.00 100.00 100.00	97.60 102.00 102.00 97.00	ug/L ug/L ug/L ug/L	98 102 102
LCS LCSD LCS LCSD LCS LCSD LCS LCSD	MSMSD2309240819 MSMSD2309240819 MSMSD2310080817 MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	100.00 100.00 100.00 100.00 100.00	97.60 102.00 102.00 97.00	ug/L ug/L ug/L ug/L	98 102 102
LCSD LCS LCSD LCS LCSD LCSC LCSD	MSMSD2309240819 MSMSD2310080817 MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	100.00 100.00 100.00 100.00 100.00	97.60 102.00 102.00 97.00	ug/L ug/L ug/L ug/L	98 102 102
LCS LCSD LCS LCSD  LCS CSD  Ies :	MSMSD2310080817 MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	100.00 100.00 100.00 100.00	102.00 102.00 97.00	ug/L ug/L ug/L	102 102
LCSD LCS LCSD 	MSMSD2310080817 MSMSD2310110812 MSMSD2310110812	100.00 100.00 100.00	102.00 97.00	ug/L ug/L	102
LCS LCSD 	MSMSD2310110812 MSMSD2310110812	100.00 100.00	97.00	ug/L	
LCSD les :	MSMSD2310110812	100.00		_	97
	35		101.00	71	
:	05.2	Below acceptance :		ug/L	101
	95.2 .	·	0		
tion :		Above acceptance :	0		
	6.46	Acceptance Criteria	33-141		
- Normal Sample					
05-MW-01-03	MSMSD1306231041	102.00	96.40	ug/L	94
05-MW-02-03	MSMSD1306231041	102.00	92.20	ug/L	90
05-MW-04-03	MSMSD1306231041	103.00	. 85.30	ug/L	83
05-MW-06-03	MSMSD1306231041	102.00	94.50	ug/L	93
07-MW-01-03	MSMSD1308171507	111.00	98.90	ug/L	89
07-MW-03-03	MSMSD1308171507	109.00	89.10	ug/L	82
07-SW-03-01	MSMSD1308251013	99.50	91.40	ug/L	92
07-SW-04-01	MSMSD1308251013	100.00	87.50	ug/L	88
07-SW-05-01	MSMSD1308251013	111.00	101.00	ug/L	91
07-SW-06-01	MSMSD1308251013	108.00	103.00	ug/L	96
07-S <b>W-</b> 07-01	MSMSD1308251013	109.00	101.00	ug/L	93
05-MW-13-01	MSMSD1309201450	101.00	104.00	ug/L	103
06-MW-07-01	MSMSD1309201450	100.00	88.20	ug/L	88
10-MW-04-01	MSMSD1309201450	102.00	95.10	ug/L	93
05-MW-15-01	MSMSD1309230953	98.00	86.20	ug/L	88
09-MW-15-01	MSMSD1309230953	105.00	91.20	ug/L	87
04-MW-02-03	MSMSD2306140820	100.00	101.00	ug/L	101
04-MW-03-03	MSMSD2306140820	100.00	100.00	ug/L	100
10-MW-03-03	MSMSD2306140820	99.00		ug/L	96
12-MW-01-03	MSMSD2306140820	100.00	97.20	ug/L	97
12-MW-02-03	MSMSD2306140820	99.00	97.70	ug/L	99
06-MW-03-03	MSMSD2306150816	99.00	88.60	ug/L	90
07-MW-02-03	MSMSD2306150816	100.00	90.30	ug/L	90
10-MW-01-03	MSMSD2306150816	101.00	84.50	ug/L	84
10-MW-02-03	MSMSD2306150816	101.00	86.80	ug/L	86
					94
					88
					90
UU_MU_D1_D2					90
					89
09-MW-02-03				_	91 90
	06-MW-01-03 06-MW-02-03 06-MW-04-03 09-MW-01-03 09-MW-02-03 09-MW-03-03 09-MW-04-03	06-MW-02-03         MSMSD2306220822           06-MW-04-03         MSMSD2306220822           09-MW-01-03         MSMSD2306220822           09-MW-02-03         MSMSD2306220822           09-MW-03-03         MSMSD2306220822	06-MW-02-03       MSMSD2306220822       107.00         06-MW-04-03       MSMSD2306220822       104.00         09-MW-01-03       MSMSD2306220822       99.50         09-MW-02-03       MSMSD2306220822       100.00         09-MW-03-03       MSMSD2306220822       100.00	06-MW-02-03     MSMSD2306220822     107.00     93.80       06-MW-04-03     MSMSD2306220822     104.00     94.20       09-MW-01-03     MSMSD2306220822     99.50     89.60       09-MW-02-03     MSMSD2306220822     100.00     89.00       09-MW-03-03     MSMSD2306220822     100.00     90.60	06-MW-02-03       MSMSD2306220822       107.00       93.80       ug/L         06-MW-04-03       MSMSD2306220822       104.00       94.20       ug/L         09-MW-01-03       MSMSD2306220822       99.50       89.60       ug/L         09-MW-02-03       MSMSD2306220822       100.00       89.00       ug/L         09-MW-03-03       MSMSD2306220822       100.00       90.60       ug/L

			ORIG.	AMOUNT	AMOUNT	RESUL1	
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOV
W. J. J. 010070							
Method : SW82/0 ked Analyte : Terpher	- Semivolatile Organi nyl-d14 continued	CS					
oe of Spike : Surrogat	te - Normal Sample						
06/22/93	09-MW-05-03	MSMSD2306220822		105.00	92.50	ug/L	88
06/22/93	09-MW-06-03	MSMSD2306220822		105.00	99.40	ug/L	94
06/23/93	05-MW-03-03	MSMSD2306230826		102.00	102.00	ug/L	100
06/24/93	05-MW-05-03	MSMSD2306240908		99.50	96.20	ug/L	97
08/07/93	07-MW-04-03	MSMSD2308070819		98.50	89.10	ug/L	90
09/24/93	05-MW-14-01	MSMSD2309240819		100.00	96.50	ug/L	96
10/08/93	08-SW-01-01	MSMSD2310080817		97.10	97.90	ug/L	101
10/08/93	08-SW-02-01	MSMSD2310080817		97.10	98.60	ug/L	102
10/08/93	08-SW-03-01	MSMSD2310080817		101.00	103.00	ug/L	102
10/08/93	22-GP-01-01	MSMSD2310080817		105.00	69.80	ug/L	66
10/08/93	22-GP-02-01	MSMSD2310080817		102.00	99.80	ug/L	98
10/08/93	22-GP-03-01	MSMSD2310080817		102.00	93.00	ug/L	91
10/11/93	08-GP-01-01	MSMSD2310110812		98.00	88.30	ug/L	90
10/11/93	08-GP-02-01	MSMSD2310110812		99.00	91.60	ug/L	93
10/11/93	08-GP-03-01	MSMSD2310110812		96.20	90.50	ug/L	94
Number of Sa	amples · /	,	Polou socosts	~~~	Λ		
Number of Sa	· ·		Below accepta		0		
Mean % Recov	very :	92.1	Above accepta	nce :	0		
	very :		•	nce :			
Mean % Recov	very :	92.1	Above accepta	nce :	0		
Mean % Recov Standard Dev Method : SW8310	very : viation : - Polynuclear Aromati	92.1 6.48	Above accepta	nce :	0		
Mean % Recov Standard Dev Method : SW8310	very : viation : - Polynuclear Aromati	92.1 6.48	Above accepta	nce :	0		
Mean % Recov Standard Dev	very : viation : - Polynuclear Aromati	92.1 6.48	Above accepta	nce :	0		
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph	very : viation : - Polynuclear Aromati	92.1 6.48	Above accepta	nce :	0	ug/L	144
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat	very : viation :  - Polynuclear Aromati nthene cory Control  LCS931182 #LS K	92.1 6.48 c Hydrocarbons CHLCCF306291200	Above accepta	nce : iteria 3	0 13-141 10.40	•	
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat 06/29/93	very : viation : - Polynuclear Aromati nthene cory Control	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200	Above accepta	nce : iteria 3	0 13-141	ug/L	125
Mean % Recov Standard Dev Method : SW8310 Ked Analyte : Acenaph De of Spike : Laborat 06/29/93 06/29/93	rery : riation :  - Polynuclear Aromation thene cory Control  LCS931182 #LS K LCSD931182 #LS	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200	Above accepta	7.20 7.20 7.20	10.40 9.00 5.39	ug/L ug/L	125 75
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93	rery : riation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCSD931403 #LS LCS93970 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Above accepta	nce : iteria 3 7.20 7.20	10.40 9.00 5.39 8.34	ug/L ug/L ug/L	125
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat 06/29/93 06/29/93 06/30/93 06/30/93	rery : riation :  - Polynuclear Aromation thene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCSD93170 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200	Above accepta Acceptance Cr	7.20 7.20 7.20 7.20 7.20 7.20	10.40 9.00 5.39 8.34 8.76	ug/L ug/L ug/L	125 75 116
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93	rery : riation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCS93970 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Above accepta Acceptance Cr	7.20 7.20 7.20 7.20 7.20 7.20	10.40 9.00 5.39 8.34 8.76	ug/L ug/L ug/L	125 75 116
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93	rery : riation :  - Polynuclear Aromation thene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCSD931403 #LS LCSD931403 #LS LCSP3970 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Above accepta Acceptance Cr  Below accepta Above accepta	7.20 7.20 7.20 7.20 7.20 7.20 •	10.40 9.00 5.39 8.34 8.76	ug/L ug/L ug/L	125 75 116
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93	rery : riation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCS93970 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Above accepta Acceptance Cr	7.20 7.20 7.20 7.20 7.20 7.20 •	10.40 9.00 5.39 8.34 8.76	ug/L ug/L ug/L	125 75 116
Mean % Recov Standard Dev Method : SW8310 ked Analyte : Acenaph pe of Spike : Laborat 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93 Number of Sa Mean % Recov Standard Dev	rery : riation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCS93970 #LS KE  comples : rery : 1	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Above accepta Acceptance Cr  Below accepta Above accepta	7.20 7.20 7.20 7.20 7.20 7.20 •	10.40 9.00 5.39 8.34 8.76	ug/L ug/L ug/L	125 75 116
Mean % Recover Standard Device Standard Device Standard Device Standard Device Standard Device of Spike : Laborate    06/29/93 06/29/93 06/30/93 06/30/93 06/22/93  Number of Same Mean % Recover Standard Device of Spike : Matrix	/ery : //iation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCSD931403 #LS LCSP3970 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200 5 16.4 25.40	Above accepta Acceptance Cr Below accepta Above accepta Acceptance Cr	7.20 7.20 7.20 7.20 7.20 7.20 • 7.20 • ince :	10.40 9.00 5.39 8.34 8.76	ug/L ug/L ug/L ug/L	125 75 116 122
Mean % Recove Standard Device Method: SW8310 ked Analyte: Acenaphing of Spike: Laborate 06/29/93 06/29/93 06/30/93 06/22/93 06/22/93 Number of Samean % Recove Standard Device of Spike: Matrix 06/22/93	/ery : /iation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCS93970 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200 	Above accepta Acceptance Cr  Below accepta Above accepta Acceptance Cr	7.20 7.20 7.20 7.20 7.20 7.20 7.20 9.20 9.20 9.20 9.20 9.20 9.20 9.20 9	10.40 9.00 5.39 8.34 8.76 	ug/L ug/L ug/L ug/L	125 75 116 122
Mean % Recove Standard Device Method: SW8310 Med Analyte: Acenaph Period of Spike: Laborate 06/29/93 06/29/93 06/30/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93 06/22/93	/ery : /iation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCS93970 #LS KE  comples : /iation :  Spike  12-MW-02-DS-03 M  mples :	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200 CHLCC_306221200	Above accepta Acceptance Cr  Below accepta Above accepta Acceptance Cr  ND  Below acceptan	7.20 7.20 7.20 7.20 7.20 7.20 7.20 7.20	10.40 9.00 5.39 8.34 8.76 	ug/L ug/L ug/L ug/L	125 75 116 122
Mean % Recover Standard Device Standard Device Standard Device Standard Device Standard Standard Device Standard Device Standard Device Standard Device Standard Standard Standard Device Standard Standa	/ery : /iation :  - Polynuclear Aromatinthene  cory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS LCS93970 #LS KE	92.1 6.48 c Hydrocarbons CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200 	Above accepta Acceptance Cr  Below accepta Above accepta Acceptance Cr	7.20 7.20 7.20 7.20 7.20 7.20 7.20 7.20	10.40 9.00 5.39 8.34 8.76 	ug/L ug/L ug/L ug/L	125 75 116 122

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8310	- Polynuclear Aromatic	: Hyd:	rocarbons					
oiked Analyte : Acenaph	thylene							
Type of Spike : Laborat	cory Control							
06/29/93	LCS931182 #LS K		CHLCCF306291200		9.20	11.70	ug/L	128
06/29/93	LCSD931182 #LS		CHLCCF306291200		9.20	10.40	ug/L	113
06/30/93	LCS 931403 #LS		CHLCCF306291200		9.20	5.81	ug/L	63
06/30/93	LCSD931403 #LS		CHLCCF306291200		9.20	8.69	ug/L	94
06/22/93	DOC 2 LCSD93970		CHLCC_306221200		9.20	9.59	ug/L	104
06/22/93	LCS93970 #LS KE		CHLCC_306221200		9.20 	10.20	ug/L	111
Number of Sa	mples : 6			Below accepta	nce :	0		
Mean % Recov	rery : 10	2.2		Above accepta	nce :	0		
Standard Dev				Acceptance Cr	iteria	D-139		
501	Cartha							
ype of Spike : Matrix	•							
06/22/93	12-MW-02-DS-03 M			ND	4.60 	4.00	ug/L 	88 
Number of Sa	imples : 1	-		Below accepta		0		
Mean % Recov	very : 8	8.0		Above accepta	nce :	0		
Standard Dev	riation : NC	;	•	Acceptance Cr	iteria	D-139		
					•			
Method : SW8310 biked Analyte : Anthrac	- Polynuclear Aromatic ene	: Hyd	rocarbons					
Type of Spike : Laborat								
ype of Spike . Laborat	ory control							
06/29/93	LCS931182 #LS K		CHLCCE306291200		2.60	3.17	ug/L	122
06/29/93	LCSD931182 #LS		CHLCCE306291200		2.60	2.86	ug/L	110
06/30/93	LCS 931403 #LS .	•	CHLCCE306291200		2.60	2.30	ug/L	89
06/30/93	LCSD931403 #LS		CHLCCE306291200		2.60	2.33	ug/L	89
06/22/93	DOC 2 LCSD93970		CHLCC_306221200		2.60	3.00	ug/L 	115
Number of Sa	imples : 5	5		Below accepta	nce :	0		
Mean % Recov	rery : 10	5.0		Above accepta	nce :	0		
Standard Dev	riation : 1	5.22		Acceptance Cr	iteria	D-126		
ype of Spike : Matrix	Spike							
06/22/93	12-MW-02-DS-03 M		CHLCC_306221200	ND	1.30	1.43	ug/L	111
Number of Co				Below accepta	nce ·	0		
Number of Sa				Above accepta				
Mean % Recov	very : II viation : NC		•	Acceptance Cr		D-126		
standard DeV	riation : NC	,		noceptaine of	1	U 120		

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable

NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID		MOUNT PIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVEF
Method : SW8310 Spiked Analyte : Benzo(	- Polynuclear Aromati a)anthracene	c Hydrocarbons					
Type of Spike : Labora	tory Control						
06/29/93	LCS931182 #LS K	CHLCCE306291200	0	.10	0.10	ug/L	121
06/29/93	LCSD931182 #LS	CHLCCE306291200	0	.10	0.09	ug/L	111
06/30/93	LCS 931403 #LS	CHLCCE306291200	. 0	.10	0.09	ug/L	108
06/30/93	LCSD931403 #LS	CHLCCE306291200	0	.10	0.09	ug/L	114
06/22/93	DOC 2 LCSD93970	CHLCC_306221200	. 0	.10	0.09	ug/L	106
Number of S	amples :	5	Below acceptance	 :	0		
Mean % Reco	very : 1	12.0	Above acceptance		0		
Standard De	viation :	5.87	Acceptance Criter		D-135		
Type of Spike : Labora 06/29/93	LCS931182 #LS K	CHLCCE306291200	0	10	0.15	un/l	126
		CHLCCE306291200		. 10	0.15	ug/L	126
06/29/93 06/30/93	LCSD931182 #LS LCS 931403 #LS	CHLCCE306291200		.10	0.14	ug/L	115
06/30/93	LCSD931403 #LS	CHLCCE306291200		. 10	0.13	ug/L	107
06/22/93	DOC 2 LCSD93970	CHLCCE306291200 CHLCC_306221200		.10 .10	0.12 0.15	ug/L ug/L	97 123
Number of S	amples : !	- <b></b> 5	Below acceptance	 :	0		
Mean % Reco	very : 11	13.6	Above acceptance	;	0		
Standard De	viation : 1	11.87	Acceptance Criter	ia	D-128		
piked Analyte : Benzo( Type of Spike : Labora	tory Control	c Hydrocarbons					
06/29/93	LCS931182 #LS K	CHLCCE306291200		10 -	0.12	ug/L	124
06/29/93	LCSD931182 #LS	CHLCCE306291200		10	0.11		114
06/30/93	LCS 931403 #LS	CHLCCE306291200		10	0.13	_	126
06/30/93 06/22/93	LCSD931403 #LS DOC 2 LCSD93970	CHLCCE306291200 CHLCC_306221200		10	0.13 0.12		125 116
Number of Sa						-3/ -	
Mean % Reco			Below acceptance :		0		
Standard Dev	-		Above acceptance :		0		
standard Dev	viati011 :	5.57	Acceptance Criteri	a l	D-150		

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8310 piked Analyte : Benzo(	) - Polynuclear Aroma (g.h.i)nervlene	tic Hyd	rocarbons					
Type of Spike : Labora	atory Control							
06/29/93	LCS931182 #LS K		CHLCCE306291200	•	0.30	0.39	ug/L	121
06/29/93	LCSD931182 #LS		CHLCCE306291200		0.30	0.36	ug/L	111
06/30/93	LCS 931403 #LS		CHLCCE306291200		0.30	0.34	ug/L	106
06/30/93	LCSD931403 #LS		CHLCCE306291200		0.30	0.38	ug/L	119
06/22/93	DOC 2 LCSD93970		CHLCC_306221200		0.30	0.34	ug/L	108
Number of S	Samples :	5		Below acceptant	 ce :	0		
Mean % Reco	overy :	113.0		Above acceptant	ce :	2		
Standard De		6.67		Acceptance Crit	teria	D-116		
piked Analyte : Benzo(		tic Hyd	rocarbons					
piked Analyte : Benzo( Type of Spike : Labora	(k)fluoranthene				0.10	0.10	/1	100
piked Analyte : Benzo( Type of Spike : Labora 06/29/93	(k)fluoranthene atory Control LCS931182 #LS K		CHLCCE306291200		0.10	0.10	ug/L	129
piked Analyte : Benzo( Type of Spike : Labora 06/29/93 06/29/93	(k)fluoranthene atory Control LCS931182 #LS K LCSD931182 #LS		CHLCCE306291200 CHLCCE306291200		0.10	0.09	ug/L	118
piked Analyte : Benzo( Type of Spike : Labora 06/29/93 06/29/93 06/30/93	(k)fluoranthene atory Control LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS		CHLCCE306291200 CHLCCE306291200 CHLCCE306291200		0.10 0.10	0.09 0.09	ug/L ug/L	118 114
piked Analyte : Benzo( Type of Spike : Labora 06/29/93 06/29/93 06/30/93 06/30/93	(k)fluoranthene atory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS		CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200		0.10	0.09 0.09 0.10	ug/L ug/L ug/L	118
piked Analyte : Benzo( Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93	(k)fluoranthene  atory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970		CHLCCE306291200 CHLCCE306291200 CHLCCE306291200		0.10 0.10 0.10 0.10	0.09 0.09 0.10 0.09	ug/L ug/L	118 114 127
Spiked Analyte : Benzo( Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  Number of S	(k)fluoranthene  atory Control  LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970	 5	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200	Below acceptanc	0.10 0.10 0.10 0.10	0.09 0.09 0.10 0.09	ug/L ug/L ug/L	118 114 127
Spiked Analyte : Benzo( Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  Number of S  Mean % Reco	LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970  Gamples :	5 120.2	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Above acceptant	0.10 0.10 0.10 0.10	0.09 0.09 0.10 0.09	ug/L ug/L ug/L	118 114 127
piked Analyte : Benzo( Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  Number of S	LCS931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970  Gamples :	5 120.2	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	•	0.10 0.10 0.10 0.10	0.09 0.09 0.10 0.09	ug/L ug/L ug/L	118 114 127
Opiked Analyte : Benzo( Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  Number of S  Mean % Reco	LCS931182 #LS K LCSD931182 #LS K LCSD931180 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970  Gamples : eviation :	5 120.2	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Above acceptant	0.10 0.10 0.10 0.10	0.09 0.09 0.10 0.09	ug/L ug/L ug/L	118 114 127
Spiked Analyte : Benzo( Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  Number of S  Mean % Reco	LCS931182 #LS K LCSD931182 #LS K LCSD931180 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970  Gamples : eviation :	5 120.2 7.40	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Above acceptant	0.10 0.10 0.10 0.10	0.09 0.09 0.10 0.09	ug/L ug/L ug/L	118 114 127
Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  Number of S  Mean % Reco	LCS931182 #LS K LCSD931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970  Comples : Deviation :	5 120.2 7.40	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Above acceptance Acceptance Crit	0.10 0.10 0.10 0.10 ce: ce: teria	0.09 0.09 0.10 0.09 0 0 0 D-159	ug/L ug/L ug/L ug/L	118 114 127 113
piked Analyte : Benzo( Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93	LCS931182 #LS K LCSD931182 #LS K LCSD931182 #LS LCS 931403 #LS LCSD931403 #LS DOC 2 LCSD93970  Comples : Eviation :  CSpike  12-MW-02-DS-03 I	5 120.2 7.40	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Above acceptance Acceptance Crit	0.10 0.10 0.10 0.10 ce: teria	0.09 0.09 0.10 0.09 0 0 D-159	ug/L ug/L ug/L ug/L	118 114 127 113

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE	ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8 iked Analyte : Chr	310 - Polynuclea ysene	ar Aromati	c Hydrocarbons					
ype of Spike : Lab	oratory Control							
06/29/93	LCS93118	32 #LS K	CHLCCE306291200		0.60	0.67	ug/L	112
06/29/93	LCSD931	182 #LS	CHLCCE306291200		0.60	0.63	ug/L	104
06/30/93	LCS 9314	103 #LS	CHLCCE306291200		0.60	0.64	ug/L	107
06/30/93	LCSD9314	103 #LS	CHLCCE306291200		0.60	0.69	ug/L	116
06/22/93	DOC 2 L0	CSD93970	CHLCC_306221200		0.60	0.68	ug/L	114
Number o	Samples	: !	 5	Below acceptanc	e :	0		
Mean % Ro	ecovery	: 11	10.6	Above acceptanc		0		
Standard	Deviation	:	4.98	Acceptance Crit		D-199		
iked Analyte : Dibo			: Hydrocarbons					
iked Analyte : Dibo ype of Spike : Labo 06/29/93	enz(a,h)anthrace eratory Control LCS93118	ene 82 #LS K	CHLCCE306291200		0.10	0.15	ug/L	128
iked Analyte : Dibe ype of Spike : Labe 06/29/93 06/29/93	enz(a,h)anthrace oratory Control LCS93118 LCSD9311	ene 32 #LS K 82 #LS	CHLCCE306291200 CHLCCE306291200		0.10	0.14	ug/L	116
iked Analyte : Dibo ype of Spike : Labo 06/29/93 06/29/93 06/30/93	enz(a,h)anthrace oratory Control LCS93118 LCSD9311 LCS 9314	ene 32 #LS K 82 #LS 03 #LS	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200		0.10 0.10	0.14 0.14	ug/L ug/L	116 114
ked Analyte : Dibe ppe of Spike : Labe 06/29/93 06/29/93	enz(a,h)anthrace oratory Control LCS93118 LCSD9311	ene 32 #LS K 82 #LS 03 #LS	CHLCCE306291200 CHLCCE306291200		0.10	0.14	ug/L	116
ype of Spike : Labo 06/29/93 06/29/93 06/30/93 06/30/93	enz(a,h)anthrace ratory Control LCS93118 LCSD9311 LCS 9314 LCSD9314 DOC 2 LC	ene 32 #LS K 82 #LS 03 #LS	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Below acceptanc	0.10 0.10 0.10 0.10	0.14 0.14 0.14	ug/L ug/L ug/L	116 114 120
/pe of Spike : Labo 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93	enz(a,h)anthrace ratory Control  LCS93118 LCSD9311 LCS 9314 LCSD9314 DOC 2 LC	#LS K 82 #LS 83 #LS 93 #LS 93 #LS 9593970	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200		0.10 0.10 0.10 0.10	0.14 0.14 0.14 0.13	ug/L ug/L ug/L	116 114 120
% vpe of Spike : Labo % vpe of Spike : Labo % 06/29/93 % 06/30/93 % 06/30/93 % 06/22/93 % Number of % Rean % Re	enz(a,h)anthrace ratory Control  LCS93118 LCSD9311 LCS 9314 LCSD9314 DOC 2 LC	82 #LS K 82 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 8093970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80070 80070 80070 80070 80070 80070 80070 80070 80070 80070	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Below acceptance	0.10 0.10 0.10 0.10 e:	0.14 0.14 0.14 0.13	ug/L ug/L ug/L	116 114 120
/pe of Spike : Labo /pe of	enz(a,h)anthrace ratory Control  LCS93118 LCSD9311 LCS 9314 LCSD9314 DOC 2 LC Samples covery Deviation	82 #LS K 82 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 8093970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80070 80070 80070 80070 80070 80070 80070 80070 80070 80070	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Below acceptance Above acceptance	0.10 0.10 0.10 0.10 e:	0.14 0.14 0.14 0.13	ug/L ug/L ug/L	116 114 120
of Spike: Labo 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93 Number of Mean % Re	enz(a,h)anthrace ratory Control  LCS93118 LCSD9311 LCS 9314 LCSD9314 DOC 2 LC Samples covery Deviation	82 #LS K 82 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 8093970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80970 80070 80070 80070 80070 80070 80070 80070 80070 80070 80070	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200	Below acceptance Above acceptance	0.10 0.10 0.10 0.10 e:	0.14 0.14 0.14 0.13	ug/L ug/L ug/L	116 114 120
of Spike : Labo 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93 Number of Mean % Re Standard	enz(a,h)anthrace ratory Control  LCS93118 LCSD93114 LCSD9314 DOC 2 LC Samples covery Deviation  ix Spike  12-MW-02	22 #LS K 82 #LS 03 #LS 03 #LS SD93970 	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200  8.0 6.32  CHLCC_306221200	Below acceptance Above acceptance Acceptance Crit	0.10 0.10 0.10 0.10 e: e: e:	0.14 0.14 0.14 0.13 	ug/L ug/L ug/L ug/L	116 114 120 112
06/29/93 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93 Number of Mean % Re Standard	enz(a,h)anthrace ratory Control  LCS93118 LCSD9311 LCS 9314 LCSD9314 DOC 2 LC  Samples covery Deviation  ix Spike  12-MW-02  Samples	22 #LS K 82 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 803 #LS 804 804 804 804 804 804 804 804 804 804	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCC_306221200  8.0 6.32  CHLCC_306221200	Below acceptance Above acceptance Acceptance Crit	0.10 0.10 0.10 0.10 e: e: eria	0.14 0.14 0.13 	ug/L ug/L ug/L ug/L	116 114 120 112

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	) - Polynuclear Aromatic						
piked Analyte : Fluora	anthene						
Type of Spike : Labora	atory Control						
06/29/93	LCS931182 #LS K	CHLCCE306291200		1.00	1.36	ug/L	136
06/29/93	LCSD931182 #LS	CHLCCE306291200		1.00	1.18	ug/L	118
06/30/93	LCS 931403 #LS	CHLCCE306291200		1.00	1.15	ug/L	115
06/30/93	LCSD931403 #LS	CHLCCE306291200		1.00	1.18	ug/L	118
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		1.00	1.13	ug/L	113
Number of S	Samples : 5		Below acceptar	nce :	0		
Mean % Reco	very : 120	. 0	Above acceptar	nce :	1		
Standard De			Acceptance Cri	iteria	D-123		
Type of Spike : Labora	itory Control						
06/29/93	LCS931182 #LS K	CHLCCF306291200		1.00	1.36	ug/L	136
06/29/93	LCSD931182 #LS	CHLCCF306291200		1.00	1.15	ug/L	115
06/30/93	LCS 931403 #LS	CHLCCF306291200		1.00	0.77	ug/L	77
06/30/93	LCSD931403 #LS	CHLCCF306291200		1.00	1.09	ug/L	109
06/22/93	DOC 2 LCSD93970	CHLCC_306221200		1.00	1.10	ug/L	110
06/22/93	LCS93970 #LS KE	CHLCC_306221200		1.00	1.12	ug/L	112
Number of S	•		Below acceptar	nce :	0		
Mean % Reco	very : 109.	.8	Above acceptar	nce :	0		
Standard De	eviation : 18.	.95	Acceptance Cri	iteria	D-142		
Type of Spike : Matrix	: Spike						
06/22/93	12-MW-02-DS-03 M	CHLCC_306221200	ND	0.50	0.50	ug/L	104
Number of S	amples : 1		Below acceptar	 ice :	 0	·	

Date Compiled: 30 April 1994 ND = Not Detected NC = Not Calculable NS = Not Specified

Above acceptance :

Acceptance Criteria D-142

Mean % Recovery

Standard Deviation

: 104.0

: NC

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW831	0 - Polynuclear A	romat	ic Hyd	rocarbons					
iked Analyte : Inden	o(1,2,3-cd)pyrene								
ype of Spike : Labor	atory Control								
06/29/93	LCS931182 #	LS K		CHLCCF306291200		0.20	0.31	ug/L	154
06/29/93	LCSD931182	#LS		CHLCCF306291200		0.20	0.29	ug/L	145
06/30/93	LCS 931403	#LS		CHLCCF306291200		0.20	0.22	ug/L	112
06/30/93	LCSD931403	#LS		CHLCCF306291200		0.20	0.28	ug/L	138
06/22/93	DOC 2 LCSD9	3970		CHLCC_306221200		0.20	0.22	ug/L	109
06/22/93	LCS93970 #L	S KE		CHLCC_306221200		0.20	0.23	ug/L	115
Number of	Samples	:	6		Below acceptar	 ice :	0		
Mean % Rec	overy	:	128.8		Above acceptar	ice :	3		
Standard D	eviation	:	19.22		Acceptance Cri	teria	D-116		
iked Analyte : Napht		romat	ic Hyd	rocarbons					
	halene	romat	ic Hyd	rocarbons					
iked Analyte : Napht	halene		ic Hyd	rocarbons CHLCCF306291200		7.20	10.20	ug/L	142
iked Analyte : Napht ype of Spike : Labor	halene atory Control	LS K	ic Hyd			7.20 7.20	10.20 8.29	ug/L ug/L	142 115
ked Analyte : Napht /pe of Spike : Labor 06/29/93	halene atory Control LCS931182 #	LS K #LS	ic Hyd	CHLCCF306291200				-	
/ked Analyte : Napht /pe of Spike : Labor	halene atory Control LCS931182 # LCSD931182	LS K #LS #LS	ic Hyd	CHLCCF306291200 CHLCCF306291200		7.20	8.29	ug/L	115
ked Analyte : Napht ppe of Spike : Labor	halene atory Control LCS931182 # LCSD931182 LCS 931403	LS K #LS #LS #LS	ic Hyd	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200		7.20 7.20	8.29 4.71	ug/L ug/L	115 65
ked Analyte : Napht  pe of Spike : Labor  06/29/93  06/29/93  06/30/93  06/30/93	halene atory Control LCS931182 # LCSD931182 LCS 931403 LCSD931403	LS K #LS #LS #LS 3970	ic Hyd	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200		7.20 7.20 7.20	8.29 4.71 6.85	ug/L ug/L ug/L	115 65 95
ype of Spike : Napht ype of Spike : Labor	LCS931182 # LCSD931182 + LCSD931182 + LCS 931403 LCSD931403 - DOC 2 LCSD9 LCSD3970 #L	LS K #LS #LS #LS 3970	ic Hyd	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Below acceptan	7.20 7.20 7.20 7.20 7.20	8.29 4.71 6.85 7.64	ug/L ug/L ug/L ug/L	115 65 95 106
/pe of Spike : Labor 06/29/93 06/29/93 06/29/93 06/30/93 06/30/93 06/22/93 06/22/93	LCS931182 # LCSD931182 LCS 931403 LCSD931403 DOC 2 LCSD9 LCS93970 #L	LS K #LS #LS 3970 S KE 		CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Below acceptan Above acceptan	7.20 7.20 7.20 7.20 7.20 7.20	8.29 4.71 6.85 7.64 7.96	ug/L ug/L ug/L ug/L	115 65 95 106
ked Analyte : Napht  pe of Spike : Labor  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  06/22/93  Number of	LCS931182 # LCS931182 # LCSP331182 LCS 931403 LCSP331403 DOC 2 LCSP9 LCSP3970 #L  Samples overy	LS K #LS #LS 3970 S KE 	6	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200		7.20 7.20 7.20 7.20 7.20 7.20	8.29 4.71 6.85 7.64 7.96	ug/L ug/L ug/L ug/L	115 65 95 106
ked Analyte : Napht  pe of Spike : Labor  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  06/22/93  Number of  Mean % Rec  Standard D	LCS931182 # LCS931182 # LCSD931182 LCS 931403 LCSD931403 DOC 2 LCSD9 LCS93970 #L Samples Dovery eviation	LS K #LS #LS #LS 3970 S KE 	6 105.5	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Above acceptan	7.20 7.20 7.20 7.20 7.20 7.20	8.29 4.71 6.85 7.64 7.96	ug/L ug/L ug/L ug/L	115 65 95 106
ked Analyte : Napht  /pe of Spike : Labor  06/29/93 06/29/93 06/30/93 06/30/93 06/22/93 06/22/93  Number of Mean % Rec Standard D	LCS931182 # LCS931182 # LCSD931182 LCS 931403 LCSD931403 DOC 2 LCSD9 LCS93970 #L Samples Dovery eviation	LS K #LS #LS 3970 S KE 	6 105.5 25.27	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200	Above acceptan	7.20 7.20 7.20 7.20 7.20 7.20	8.29 4.71 6.85 7.64 7.96 0 0 1 D-122	ug/L ug/L ug/L ug/L ug/L	115 65 95 106
ked Analyte : Napht  /pe of Spike : Labor  06/29/93  06/29/93  06/30/93  06/22/93  06/22/93  Number of  Mean % Rec  Standard D	LCS931182 # LCS931182 # LCSD931182 LCS 931403 LCSD931403 DOC 2 LCSD9 LCS93970 #L  Samples overy eviation  x Spike  12-MW-02-DS	LS K #LS #LS 3970 S KE 	6 105.5 25.27	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200 CHLCC_306221200	Above acceptar Acceptance Cri ND	7.20 7.20 7.20 7.20 7.20 7.20 	8.29 4.71 6.85 7.64 7.96 0 0 1 D-122	ug/L ug/L ug/L ug/L ug/L	115 65 95 106 110
ype of Spike : Labor  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93  06/22/93  Number of Mean % Reconstandard Division of Spike : Matrix	LCS931182 # LCS931182 # LCSP331182 LCS 931403 LCSP331403 DOC 2 LCSP9 LCS93970 #L  Samples overy eviation  x Spike  12-MW-02-DS	LS K #LS #LS 3970 S KE 	6 105.5 25.27	CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCCF306291200 CHLCC_306221200 CHLCC_306221200	Above acceptar Acceptance Cri	7.20 7.20 7.20 7.20 7.20 7.20 	8.29 4.71 6.85 7.64 7.96 0 1 D-122	ug/L ug/L ug/L ug/L ug/L	115 65 95 106 110

DATE . ANALYZED	SAMPLE ID	)		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8310 piked Analyte : Phenar	=	Aromat	ic Hyd	rocarbons					
Type of Spike : Labora	tory Control								
06/29/93	LCS931182	#LS K		CHLCCE306291200		2.60 .	3.34	ug/L	128
06/29/93	LCSD93118	32 #LS		CHLCCE306291200		2.60	2.82	ug/L	108
06/30/93	LCS 93140	3 #LS		CHLCCE306291200		2.60	2.51	ug/L	97
06/30/93	LCSD93140	3 #LS		CHLCCE306291200		2.60	2.58	ug/L	99
06/22/93	DOC 2 LCS	D93970		CHLCC_306221200		2.60	2.70	ug/L	104
Number of S	amples	:	5		Below acceptan	 ce :	0		
		:			Above acceptan		0		
		:			Acceptance Cri		D-155		
Type of Spike : Matrix 06/22/93		DS-03 M	1	CHLCC_306221200	ND		1.33	ug/L	103
06/22/93	12-MW-02-  amples overy		1 103.0	CHLCC_306221200	ND Below acceptan Above acceptan Acceptance Cri	ce :	1.33  0 0 D-155	ug/L	103
06/22/93  Number of S  Mean % Recc Standard De	12-MW-02-  iamples every eviation  - Polynuclear	: :	1 103.0 NC		Below acceptan Above acceptan	ce :	0	ug/L	103
06/22/93  Number of S Mean % Reco Standard De  Method : SW8310 piked Analyte : Pyrene	12-MW-02- imples eviation  - Polynuclear	: :	1 103.0 NC		Below acceptan Above acceptan	ce :	0	ug/L 	103
Number of S Mean % Recc Standard De	12-MW-02- imples eviation  - Polynuclear	: : :	1 103.0 NC		Below acceptan Above acceptan	ce :	0	ug/L	103
06/22/93  Number of S Mean % Reco Standard De  Method : SW8310 piked Analyte : Pyrene  Type of Spike : Labora	12-MW-02- diamples eviation  1 - Polynuclear eviatory Control	: : : : : Aromat	1 103.0 NC	rocarbons	Below acceptan Above acceptan	ce: teria	0 0 D-155	<del></del>	
06/22/93  Number of S Mean % Recc Standard De  Method : SW8310 piked Analyte : Pyrene  Type of Spike : Labora	12-MW-02- samples every eviation  1 - Polynuclear etery Control  LCS931182	: : : : Aromat ! #LS K : #LS K	1 103.0 NC	rocarbons CHLCCE306291200	Below acceptan Above acceptan	teria	0 0 D-155	ug/L	134
06/22/93  Number of S Mean % Recc Standard De  Method : SW8310 piked Analyte : Pyrene  Type of Spike : Labora  06/29/93  06/29/93	12-MW-02- samples every eviation  1 - Polynuclear etory Control  LCS931182 LCS931182	: : : : : : : : : : : : : : : : : : :	1 103.0 NC	rocarbons CHLCCE306291200 CHLCCE306291200	Below acceptan Above acceptan	teria 1.20 1.20	0 0 D-155	ug/L ug/L	134 118
06/22/93  Number of S Mean % Recc Standard De  Method : SW8310 piked Analyte : Pyrene  Type of Spike : Labora  06/29/93  06/29/93  06/30/93	12-MW-02-  camples every eviation  1 - Polynuclear etory Control  LCS931182 LCSD93118 LCS 93140	: : : : : : : : : : : : : : : : : : :	1 103.0 NC	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200	Below acceptan Above acceptan	1.20 1.20 1.20	1.61 1.42 1.36	ug/L ug/L ug/L	134 118 113
06/22/93  Number of S Mean % Recc Standard De  Method : SW8310 piked Analyte : Pyrene  Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93	12-MW-02-  Jamples  Every  Eviation  1 - Polynuclear  Etory Control  LCS931182  LCSD93118  LCS 93140  LCSD93140  DOC 2 LCS	: : : : : : : : : : : : : : : : : : :	1 103.0 NC	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200	Below acceptan Above acceptan	1.20 1.20 1.20 1.20 1.20	1.61 1.42 1.36 1.43	ug/L ug/L ug/L ug/L	134 118 113 119
06/22/93  Number of S Mean % Recc Standard De  Method : SW8310 piked Analyte : Pyrene  Type of Spike : Labora  06/29/93  06/29/93  06/30/93  06/30/93  06/22/93	12-MW-02- imples ivery eviation  1 - Polynuclear itory Control  LCS931182 LCSD93118 LCS 93140 LCSD93140 DOC 2 LCS	: : : : : : : : : : : : : : : : : : :	1 103.0 NC	CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200 CHLCCE306291200	Below acceptan Above acceptan Acceptance Cri	1.20 1.20 1.20 1.20 1.20	1.61 1.42 1.36 1.43 1.31	ug/L ug/L ug/L ug/L	134 118 113 119

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	. % RECOV
	10 - Polynuclear	Aromai	tic Hyd	drocarbons					
piked Analyte : Terp	henyl-d14								
Type of Spike : Surr	ogate - Equipment	: Blank	<						
06/30/93	04-MW-01-E	B-03		CHLCCE306291200			1.49	ug/L	119
Number of	Samples	:	1		Below acceptance	 a :	0	<b>-</b>	
Mean % Re	•	:	119.0		Above acceptance		0		
Standard	Deviation	:	NC		Acceptance Crite		22-157		
Type of Spike : Surr	ogate - Field Dup	licate	<b>)</b>						
06/22/93	12-MW-02-D	S <b>-0</b> 3		CHLCC_306221200			1.20	ug/L	96
Number of	 Samples	 :	1		Below acceptance		0		<b></b>
Mean % Re	•	:			Above acceptance		0		
	Deviation				Acceptance Crite		22-157		
Type of Spike : Surr	ogate - Laborator	y Cont	rol					٠	
06/29/93	LCS931182			CHLCCE306291200		1.30	1.63	ug/L	131
.06/29/93	LCSD931182			CHLCCE306291200		1.30	1.21	ug/L	97
06/30/93	LCS 931403			CHLCCE306291200		1.30	1.32	ug/L	105
06/30/93 06/22/93	LCSD931403			CHLCCE306291200		1.30	1.72	-	138
00/22/93 	DOC 2 LCSD	939/0 		CHLCC_306221200	~	1.30	1.27	ug/L	102
Number of		:	5		Below acceptance	: :	0		
Mean % Re	-	:	114.6		Above acceptance	: :	0		
Standard I	Deviation	:	18.56		Acceptance Crite	ria 2	2-157		
Type of Spike : Surro	ogate - Matrix Sp	i ke							
06/22/93	12-MW-02-D9	S-03 M		CHLCC_306221200			1.04	ug/L	84
Number of	•	:	1		Below acceptance	;	 0		
Mean % Red		:			Above acceptance	:	0		•
Standard [	Deviation	: 1	NC		Acceptance Crite	ria 2	2-157		
Type of Spike : Surro	ogate - Method Bla	ınk							
06/29/93	BLK93643 #0	)1 BM		CHLCCE306291200			1.44	ug/L	116
06/29/93	BLK93768 #0			CHLCCE306291200			1.44	-	119
06/22/93	BLK93537 #0	1 BM_		CHLCC_306221200			1.43		127
<del>- 06/22/93 -</del>	BLK93537 #0	_		CHLCC_306221200				ug/L	
			2		0-7		3		
Number of Mean % Rec	•	:	3 120	_	Below acceptance Above acceptance		)		

Date Compiled: 30 April 1994

ND = Not Detected

NC = Not Calculable NS = Not Specified

### TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

ANALYZED SAME ZE 15 BATON 15 RESSERED SAL	RECOVERY	
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNI	DECOMEDY	
DATE ORIG. AMOUNT RESU	.T %	

Method : SW8310 - Polynuclear Aromatic Hydrocarbons

Spiked Analyte : Terphenyl-d14 continued

Type of Spike : Surrogate - Method Blank

Standard Deviation : 5.69 Acceptance Criteria .22-157

Type of Spike : Surrogate - Normal Sample

06/29/93	01-MW-01-03	CHLCCE306291200	1.57	ug/L	126
06/29/93	01-MW-02-03	CHLCCE306291200	0.99	ug/L	79
06/22/93	04-MW-03-03	CHLCC_306221200	1.24	ug/L	100
06/22/93	04-MW-03-03	CHLCC_306221200	1.22	ug/L	98
06/22/93	12-MW-01-03	CHLCC_306221200	1.35	ug/L	109
06/22/93	12-MW-02-03	CHLCC_306221200	1.32	ug/L	100
06/23/93	04-MW-02-03	CHLCC_306221200	1.37	ug/L	105

Number of Samples : 7 Below acceptance : 0 Mean % Recovery : 102.4 Above acceptance : 0 Standard Deviation : 14.06 Acceptance Criteria 22-157

				AMOUNT	AMOUNT	RESULT	
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECO
*****							
Method : Gasolir	ne Range Organics						
iked Analyte : Gasolir							
ype of Spike : Laborat	tory Control						
06/15/93	Labor. Control	88865	52	0.00	499.00	ug/L	96
06/15/93	Labor. Control	88865	52	0.00	478.00	ug/L	92
06/18/93	Labor. Control	88937	52	0.00	500.00	ug/L	96
06/18/93	Labor. Control	88937	52	0.00	480.00	ug/L	92
06/18/93	Labor. Control	88938	54	0.00	427.00	ug/L	79
06/18/93	Labor. Control	88938	54	0.00	448.00	ug/L	83
06/22/93	Labor. Control	88964	60	0.00	558.00	ug/L	93
06/22/93	Labor. Control	88964	60	0.00	480.00	ug/L	80
06/30/93	Labor. Control	89008	66	0.00	540.00	ug/L	82
06/30/93	Labor. Control	89008	66	0.00	561.00	ug/L	85
08/04/93	Labor. Control	89475	50	4.00	474.00	ug/L	94
08/04/93	Labor. Control	89475	50	4.00	459.00	ug/L	91
08/17/93	Labor. Control	89601	44	0.00	398.00	ug/L	90
08/17/93	Labor. Control	89601	44	0.00	394.00	ug/L	90
09/21/93	Labor. Control	89999	50	0.00	438.00	ug/L	88
09/21/93	Labor. Control	89999	50	0.00	420.00	ug/L	84
09/24/93	Labor. Control	90018	50	0.00	480.00	ug/L	96
09/24/93	Labor. Control	90018	50	0.00	460.00	ug/L	92
09/25/93	Labor. Control	90051	50	0.00	480.00	ug/L	96
09/25/93	Labor. Control	90051	50	0.00	460.00	ug/L	92
10/09/93	Labor. Control	90168		4.80	4.80	ug/L	100
10/09/93	Labor. Control	90168		4.80	4.80	ug/L	100
10/10/93	Labor. Control	90181	50	0.00	500.00	ug/L	100
10/10/93	Labor. Control	90181	50	0.00	540.00	ug/L	108
Number of Sa	amples : 24		Below acceptance	:	<b></b> 0		
Mean % Recov		6	Above acceptance	:			
Standard Dev	•	06	Acceptance Crite	ria 50	-150		
Type of Spike : Matrix	Spike						
Type of Spike : Matrix 06/15/93	Spike  Matrix Spike	88865	520	0.00	499.00	ug/L	96
		88865 88865		0.00 0.00	499.00 499.00	ug/L ug/L	96 96
06/15/93	Matrix Spike		520			-	
06/15/93 06/15/93	Matrix Spike Matrix Spike Dupl	88865	520 520	0.00	499.00	ug/L	96
06/15/93 06/15/93 06/18/93	Matrix Spike Matrix Spike Dupl Matrix Spike	88865 88937	52) 52) 52)	0.00 0.00	499.00 400.00	ug/L ug/L	96 85
06/15/93 06/15/93 06/18/93 06/18/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl	88865 88937 88937	521 521 521 541	0.00 0.00 0.00	499.00 400.00 470.00	ug/L ug/L ug/L	96 85 96
06/15/93 06/15/93 06/18/93 06/18/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike	88865 88937 88937 88938	52: 52: 54: 54:	0.00 0.00 0.00 0.00	499.00 400.00 470.00	ug/L ug/L ug/L ug/L	96 85 96 67
06/15/93 06/15/93 06/18/93 06/18/93 06/18/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike	88865 88937 88937 88938 88938	520 520 540 540 600	0.00 0.00 0.00 0.00 0.00	499.00 400.00 470.00 362.00	ug/L ug/L ug/L ug/L ug/L	96 85 96 67 59
06/15/93 06/15/93 06/18/93 06/18/93 06/18/93 06/18/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Matrix Spike Dupl Matrix Spike	88865 88937 88937 88938 88938	520 520 520 540 540 600	0.00 0.00 0.00 0.00 0.00 0.00	499.00 400.00 470.00 362.00 540.00	ug/L ug/L ug/L ug/L ug/L ug/L	96 85 96 67 59
06/15/93 06/15/93 06/18/93 06/18/93 06/18/93 06/18/93 06/22/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Dupl Matrix Spike Matrix Spike	88865 88937 88937 88938 88938 88964	520 520 540 540 600 600	0.00 0.00 0.00 0.00 0.00 0.00	499.00 400.00 470.00 362.00 540.00 558.00	ug/L ug/L ug/L ug/L ug/L ug/L	96 85 96 67 59 90
06/15/93 06/15/93 06/18/93 06/18/93 06/18/93 06/18/93 06/22/93 06/22/93 06/30/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Matrix Spike Matrix Spike Dupl Matrix Spike	88865 88937 88937 88938 88938 88964 88964	52/ 52/ 52/ 54/ 54/ 60/ 60/ 66/ 66/	0.00 0.00 0.00 0.00 0.00 0.00 0.00	499.00 400.00 470.00 362.00 540.00 558.00 620.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	96 85 96 67 59 90 93
06/15/93 06/15/93 06/18/93 06/18/93 06/18/93 06/18/93 06/22/93 06/22/93 06/30/93 06/30/93 08/04/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike	88865 88937 88937 88938 88938 88964 88964 89008 89008	52/ 52/ 54/ 54/ 60/ 60/ 66/ 66/	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	499.00 400.00 470.00 362.00 540.00 558.00 620.00 601.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	96 85 96 67 59 90 93 94
06/15/93 06/18/93 06/18/93 06/18/93 06/18/93 06/22/93 06/22/93 06/30/93	Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Dupl Matrix Spike Matrix Spike Matrix Spike Matrix Spike Matrix Spike Matrix Spike	88865 88937 88937 88938 88938 88964 88964 89008	520 520 540 540 600 600 660 500	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	499.00 400.00 470.00 362.00 540.00 558.00 620.00 601.00 500.00	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	96 85 96 67 59 90 93 94 91

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT . UNIT	% RECOVERY

Method : Gasoline Range Organics

Spiked Analyte: Gasoline Range Organics continued

Type of Spike : Matrix Spike

09/24/93	Matrix Spike	90018	500.00	425.00	ug/L	85
09/24/93	Matrix Spike Dupl	90018	500.00	425.00	ug/L	85
09/25/93	Matrix Spike	90051	500.00	500.00	ug/L	100
09/25/93	Matrix Spike Dupl	90051	500.00	500.00	ug/L	100
10/09/93	Matrix Spike	90168	500.00	520.00	ug/L	104
10/09/93	Matrix Spike Dupl	90168	500.00	520.00	ug/L	104
10/10/93	Matrix Spike	90181	500.00	520.00	ug/L	104
10/10/93	Matrix Spike Dupl	90181	500.00	520.00	ug/L	104

Number of Samples

: 22

Below acceptance :

Mean % Recovery Standard Deviation

: 91.5 : 11.88

Above acceptance :

Acceptance Criteria 50-150

Method : Diesel Range Organics Spiked Analyte : Diesel Range Organics

Type of Spike : Laboratory Control

						0.7
06/16/93	Labor. Control	88865	5000.00	4850.00	ug/L	97
06/16/93	Labor. Control	88865	5000.00	5150.00	ug/L	103
06/17/93	Labor. Control	88937	5000.00	4750.00	ug/L	95
06/17/93	Labor. Control	88937	5000.00	4800.00	ug/L	96
06/17/93	Labor. Control	88938	5000.00	4750.00	ug/L	96
06/17/93	Labor. Control	88938	5000.00	4800.00	ug/L	96
06/22/93	Labor. Control	88964	5000.00	4900.00	ug/L	98
06/22/93	Labor. Control	88964	5000.00	4700.00	ug/L	94
06/28/93	Labor. Control	89008	5000.00	4450.00	ug/L	89
06/28/93	Labor. Control	89008	5000.00	4350.00	ug/L	87
08/05/93	Labor. Control	89475	5000.00	5300.00	ug/L	106
08/05/93	Labor. Control	89475	5000.00	5200.00	ug/L	104
08/14/93	Labor. Control	89601	8.00	9.44	ug/L	118
08/14/93	Labor. Control	89601	8.00	9.04	ug/L	113
09/22/93	Labor. Control	89999	8000.00	8080.00	ug/L	101
09/22/93	Labor. Control	89999	8000.00	9680.00	ug/L	121
09/23/93	Labor. Control	90018	8000.00	8080.00	ug/L	101
09/23/93	Labor. Control	90018	8000.00	9680.00	ug/L	121
09/23/93	Labor. Control	90051	8000.00	8080.00	ug/L	101
09/23/93	Labor. Control	90051	8000.00	9680.00	ug/L	121
10/07/93	Labor. Control	90168	8000.00	10240.00	ug/L	128
10/07/93	Labor. Control	90168	8000.00	10080.00	ug/L	126
10/11/93	Labor. Control	90181	8000.00	9200.00	ug/L	115
10/11/93	Labor. Control	90181	8000.00	8080.00	ug/L	101
10/11/93	Labor. Control	90182	8000.00	6560.00	ug/L	82
10/11/93	Labor. Control	90182	8000.00	7440.00	ug/L	93
Number of Sa	amples : 26		Below acceptance :	0		
	-					

### TABLE B-8 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

AMOUNT AMOUNT RESULT % ORIG. DATE SPIKED RECOVERED UNIT RECOVERY BATCH ID RESULT **ANALYZED** SAMPLE ID -----

Method : Diesel Range Organics

Spiked Analyte : Diesel Range Organics continued

Type of Spike : Laboratory Control

Mean % Recovery Standard Deviation

: 104.0 : 12.56 Above acceptance :

Acceptance Criteria 50-150

Type of Spike: Matrix Spike

06/16/93	Matrix Spike	88865	5000.00	4300.00	'ug/L	86
06/16/93	Matrix Spike Dupl	88865	5000.00	4350.00	ug/L	87
06/17/93	Matrix Spike	88937	5000.00	4750.00	ug/L	95
06/17/93	Matrix Spike Dupl	88937	5000.00	4950.00	ug/L	99
06/17/93	Matrix Spike	88938	5000.00	4750.00	ug/L	95
06/17/93	Matrix Spike Dupl	88938	5000.00	4950.00	ug/L	99
09/22/93	Matrix Spike	89999	8000.00	7760.00	ug/L	97
09/22/93	Matrix Spike Dupl	89999	8000.00	8400.00	ug/L	105
09/23/93	Matrix Spike	90018	8000.00	7760.00	ug/L	97
09/23/93	Matrix Spike Dupl	90018	8000.00	8400.00	ug/L	105
09/23/93	Matrix Spike	90051	8000.00	7760.00	ug/L	97
09/23/93	Matrix Spike Dupl	90051	8000.00	8400.00	ug/L	105
10/11/93	Matrix Spike	90181	8000.00	10240.00	ug/L	128
10/11/93	Matrix Spike Dupl	90181	8000.00	10080.00	ug/L	126
10/11/93	Matrix Spike	90182	8000.00	10240.00	ug/L	128
10/11/93	Matrix Spike Dupl	90182	8000.00	10080.00	ug/L	126
						<b>-</b>

Number of Samples

: 16

Below acceptance :

Mean % Recovery

: 104.7

Above acceptance :

Standard Deviation

: 14.35

Acceptance Criteria 50-150

### ATTACHMENT B - APPENDIX B

Table B-9

Detailed Listing of Duplicate Results - 1993 Water Samples

		Dunlicate		Dunlicato	Mon	C+andard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	8 8 8 1 T 2 3 3		-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1	
Method = Gasoline Range Organics	ics					·	
Type = Field Duplicate (ug/L)	(1/						
Gasoline Range Organics	05-MW-03-03	05-MW-03-DS-03	11000.0	10000.0	10500.0	707.1	9.55
	05-MW-14-01	05-MW-14-DS-01	< 100.0 (J)	< 100.0 (J)	NC	NC	NC
Gasoline Range Organics	06-MW-07-01	06-MW-07-DS-01	< 100.0 (J)	< 100.0 (J)	NC	SC	NC
Gasoline Range Organics	07-MW-02-03	07-MW-02-DS-03	< 100.0 (J)	< 100.0 (J)	S	NC	NC
	08-SW-01-01	08-SW-01-DS-01	< 100.0 (J)	< 100.0 (J)	NC	NC	NC
Gasoline Range Organics	12-MW-02-03	12-MW-02-DS-03	< 100.0 (3)	< 100.0 (J)	NC	NC	SN .
Type = Laboratory Control Duplicate	Ouplicate (ug/L)						
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	93.0	80.0	86.5	9.5	15.03
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	94.0	91.0	92.5	2.1	3.24
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	90.0	0.06	0.06	0.0	00.00
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	100.0	108.0	104.0	5.7	7.69
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	0.96	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0	92.0	94.0	2.8	4.26
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	88.0	84.0	86.0	2.8	4.65
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	79.0	83.0	81.0	2.8	4.94
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	< 100.0	< 100.0	NC	NC	SC
Gasoline Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	82.0	85.0	83.5	2.1	3.59
Type = Matrix Spike Duplicate (ug/L)	ate (ug/L)						
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	0.66	0.66	99.0	0.0	0.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	0.06	93.0	91.5	2.1	3.28
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	85.0	0.96	90.5	7.8	12.15
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	0.79	59.0 (F)	63.0	5.7	12.70
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	104.0	104.0	104.0	0.0	00.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	104.0	104.0	104.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected () = (	= Data Flag				B9- 1

Parameter	Sample ID	Duplicate Sample ID	Value		Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	85.0		85.0	85.0	0.0	0.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	83.0		79.0	81.0	2.8	4.94
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	96.0		96.0	0.96	0.0	0.00
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	94.0		91.0	92.5	2.1	3.24
Gasoline Range Organics	Matrix Spike	Matrix Spike Dupl	100.0		100.0	100.0	0.0	00.00
Method = Diesel Range Organics	S C C							
Type = Field Duplicate (ug/L)	9/L)							
Diesel Range Organics	05-MW-03-03	05-MW-03-DS-03	< 200.0	(5)	220.0	N.	S.	N.
Diesel Range Organics	05-MW-14-01	05-MW-14-DS-01	< 200.0	· (C)	< 200.0 (J)	NC NC	2	N N
Diesel Range Organics	06-MW-07-01	06-MW-07-DS-01	< 200.0			NC	NC N	2
Diesel Range Organics	07-MW-02-03	07-MW-02-DS-03	< 200.0	(S)	_	NC	SC	NC
Diesel Range Organics	08-SW-01-01	08-SW-01-DS-01	< 200.0	(S)	< 200.0 (J)	NC	NC	S
Diesel Range Organics	12-MW-02-03	12-MW-02-DS-03	< 200.0	(c)	< 200.0 (J)	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)	Duplicate (ug/L)							
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	82.0		93.0	87.5	7.8	12.57
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	106.0		104.0	105.0	1.4	1.90
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	89.0		87.0	88.0	1.4	2.27
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	< 20.0	•	< 20.0	NC	NC	NC
Range		Labor. Control Spike Dupl	101.0		121.0	111.0	14.1	18.02
Range	Labor. Control Spike	Labor. Control Spike Dupl	101.0		121.0	111.0	14.1	18.02
Range		Labor. Control Spike Dupl	101.0		121.0	111.0	14.1	18.02
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	97.0		103.0	100.0	4.2	6.00
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	95.0		96.0	95.5	0.7	1.05
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	98.0		94.0	0.96	2.8	4.17
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	96.0		0.96	0.96	0.0	0.00
	Labor. Control Spike	Labor. Control Spike Dupl	128.0		126.0	127.0	1.4	1.57
Diesel Range Organics	Labor. Control Spike	Labor. Control Spike Dupl	115.0		101.0	108.0	6.6	12.96

NC = Not Calculable

Compiled: 10 May 1994

ND = Not Detected

() = Data Flag

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		Out of the		Pin Jinato	N C	L 2 C L 2 C L 2	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!	1 1 1 1 1 1		1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	97.0	105.0	101.0	5.7	7.92
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	95.0	0.66	97.0	2.8	4.12
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	95.0	99.0	97.0	2.8	4.12
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	128.0	126.0	127.0	1.4	1.57
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	128.0	126.0	127.0	1.4	1.57
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	97.0	105.0	101.0	5.7	7.92
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	86.0	87.0	86.5	0.7	1.16
Diesel Range Organics	Matrix Spike	Matrix Spike Dupl	0.76	105.0	101.0	5.7	7.92
Method = E160.1 - Residue, Filterable (TDS)	ilterable (TDS)						
Type = Analytical Dup (mg/L)	ng/L)						
Total dissolved solids	06-MW-07-01	06-MW-07-01 DUP	0.606	916.0	912.5	4.9	0.77
Total dissolved solids	07-MW-03-03	07-MW-03-03	825.0	839.0	832.0	6.6	1.68
Total dissolved solids	07-MW-04-03	07-MW-04-03	794.0	780.0	787.0	9.9	1.78
Total dissolved solids	09-MW-04-03	09-MW-04-03	672.0	678.0	675.0	4.2	0.89
Total dissolved solids	09-MW-15-01	09-MW-15-01	581.0	591.0	586.0	7.1	1.71
Type = Field Duplicate (mg/L)	3/۲)						
Total dissolved solids	05-MW-02-03	05-MW-02-DS-03	362.0	368.0	365.0	4.2	1.64
Total dissolved solids	05-MW-14-01	05-MW-14-DS-01	594.0	605.0	599.5	7.8	1.83
Total dissolved solids	05-MW-14-DS-01	05-MW-14-DS-01	0.509	0.909	605.5	0.7	0.17
Total dissolved solids	06-MW-07-01	06-MW-07-DS-01	909.0	904.0	906.5	3.5	0.55
Total dissolved solids	07-MW-02-03	07-MW-02-DS-03	882.0	877.0	879.5	3.5	0.57
Total dissolved solids	07-MW-02-03	07-MW-02-DS-03 A	882.0	870.0	876.0	8.5	1.37
Type = Laboratory Control Duplicate (mg/L)	<pre>Duplicate (mg/L)</pre>						
Total dissolved solids	LCS931111	LCSD931111	102.0	106.0	104.0	2.8	3.85
Total dissolved solids	LCS931183	LCSD931183	105.0	109.0	.107.0	2.8	3.74
Total dissolved solids	LCS931284	LCSD931284	107.0	105.0	106.0	1.4	1.89
Total dissolved solids	LCS931406	LCSD931406	102.0	100.0	101.0	1.4	1.98
Total dissolved solids	LCS932927	LCSD932927	103.0	104.0	103.5	0.7	0.97
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 3

Parameter	Sample ID	Duplicate Sample 10	V I I I	Duplicate	Mean	Standard	(8)
1 1 1 1 1 1			מ ו פ ו	אם הם	Value	Deviation	KPU (%)
Total dissolved solids	LCS933554	LCSD933554	103.0	106.0	104.5		2 87
Total dissolved solids	LCS934466	LCSD934466	102.0	100.0	101.0	1.4	1.98
Total dissolved solids	LCS934803	LCSD934803	102.0	101.0	101.5	0.7	0.99
Method = E160.2 - Residue, 1	Residue, Non-Filterable						
Type = Analytical Dup (mg/L)	(mg/L)						
Total suspended solids	01-MW-08-01	01-MW-08-01	< 7.9 (1)	8.0	NC	NC	NC
Total suspended solids	06-MW-07-01	06-MW-07-01 DUP	< 7.9	< 7.9	NC	NC	NC
Type = Field Duplicate (mg/L)	ng/L)						
Total suspended solids	05-MW-14-01	05-MW-14-DS-01	8.0	8.0	8.0	0.0	0.00
Total suspended solids	05-MW-14-DS-01	05-MW-14-DS-01	8.0	9.0	8.5	0.7	11.76
Total suspended solids	06-MW-07-01	06-MW-07-DS-01	< 7.9	< 7.9 (J)	NC	NC	NC
Type = Laboratory Control Duplicate (mg/L)	Duplicate (mg/L)						
Total suspended solids	LCS934465	LCSD934465	64.0	109.0	86,5	31.8	52.02
	LCS934732	LCSD934732	94.0	91.0	92.5	2.1	3.24
Total suspended solids	LCS934803	LCSD934803	85.0	84.0	84.5	0.7	1.18
Method = E300 - Anions							
Type = Field Duplicate (mg/L)	g/L)						
Chloride	05-MW-02-03	05-MW-02-DS-03	1.4	1.4	1.4	c	2 82
Chloride	05-MW-14-01	05-MW-14-DS-01	1.9	2.0	2.0	0:0	3 06
Chloride	06-MW-07-01	06-MW-07-DS-01	16.3	17.2	16.8	9:0	5.37
Sulfate	05-MW-02-03	05-MW-02-DS-03	3.1	3.1	3.1	0.0	0.32
Sulfate	05-MW-14-01	05-MW-14-DS-01	23.5	23.7	23.6	0.1	0.85
Sulfate	06-MW-07-01	06-MW-07-DS-01	6.63	0.09	0.09	0.1	0.17
Type = Laboratory Control Duplicate (mg/L)	Duplicate (mg/L)						
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 4

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
 	8 8 8 8 8 7 1 1	1 1 1 1 1 1 1	4 1 1 1 8	[	 	1	 
Chloride	LCS931521	LCSD931521	101.0	102.0	101.5	0.7	0.99
Chloride	LCS934941	LCSD934941	102.0	102.0	102.0	0.0	00.00
Sulfate	LCS931521	LCSD931521	0.96	0.96	0.96	0.0	00.00
Sulfate	LCS934936	LCSD934936	100.0	0.66	99.5	0.7	1.01
Type = Matrix Spike Duplicate	ate (mg/L)						
Chloride	05-MW-02-DS-03 M	05-MW-02-DS-03 M	95.0	0.96	9.55 5.55	0.7	1.05
Chloride	06-MW-07-01 MS	06-MW-07-01 MSD	107.0	106.0	106.5	0.7	0.94
Sulfate	05-MW-02-DS-03 M	05-MW-02-DS-03 M	86.0	86.0	86.0	0.0	0.00
Sulfate	06-MW-07-01 MS	06-MW-07-01 MSD	103.0	104.0	103.5	0.7	0.97
Method = E353.1 - Nitrate-Nitrite	ri te						
Type = Analytical Dup (mg/L)	g/L)						
Nitrate-Nitrite as N	05-MW-14-01	05-MW-14-01	0.12	0.16	0.1	0.1	22.22
Nitrate-Nitrite as N	10-MW-04-01	10-MW-04-01	ON	ND	NC	SC	NC
Type = Analytical Spike Duplicate (mg/L)	plicate (mg/L)						
Nitrate-Nitrite as N	05-MW-02-DS-03 M	05-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Type = Field Duplicate (mg/L)	\r)						
Nitrate-Nitrite as N	05-MW-02-03	05-MW-02-DS-03	ON	ON	S	S	S
Nitrate-Nitrite as N	05-MW-02-DS-03	05-MW-02-DS-03	QN	ND	NC	NC	NC
Nitrate-Nitrite as N	05-MW-14-01	05-MW-14-DS-01	0.12	0.16	0.1	0.0	23.49
Nitrate-Nitrite as N	06-MW-07-01	06-MW-07-DS-01	QN	QN	N.	SC	NC
Type = Laboratory Control Duplicate (mg/L)	Ouplicate (mg/L)						
Nitrate-Nitrite as N	LCS931656	LCSD931656	99.0	100.0	99.5	0.7	1.01
Nitrate-Nitrite as N	LCS935170	LCSD935170	101.0	102.0	101.5	0.7	0.99
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 5

Parameter 	Sample ID	Duplicate Sample ID	Value		Dup Vē	Duplicate Value		Mean Value	Standard Deviation	RPD (%)
Nitrate-Nitrite as N Nitrate-Nitrite as N	LCS935178 LCS935234	LCSD935178 LCSD935234	100.0	_		100.0		100.0	0.0	0.00
Type = Matrix Spike Duplicate	licate (mg/L)									
Nitrate-Nitrite as N	05-MW-14-01	05-MW-14-01	89.0		•	90.0		89,5	0.7	1.12
Nitrate-Nitrite as N	06-MW-07-01 MS		87.0			89.0		88.0	1.4	2.27
Nitrate-Nitrite as N Nitrate-Nitrite as N	06-MW-07-01 MS 10-MW-04-01	06-MW-07-01 MSD 10-MW-04-01	74.0			76.0 88.0		75.0 88.0	1.4	2.67
Method = SW6010 - Metals			•							
Type = Analytical Dup (mg/L)	(mg/L)									
Aluminum	05-MW-06-03	05-MW-06-03	< 0.028	(7)		18		Z	C	C
Aluminum	05-MW-14-01	05-MW-14-01	< 0.028	_	v	0.14	(1)	2 2	<u> </u>	N N
Aluminum	06-MW-07-01	06-MW-07-01	< 0.028	_		0.14	(S)	2 2	2	<u> </u>
Aluminum	09-MW-01-03	09-MW-01-03	< 0.028	_		0.11		2 2	) N	2
Antimony	02-MM-06-03	05-MW-06-03	< 0.024	_		960.0	(T)	2	2	S S
Antimony	05-MW-14-01	05-MW-14-01	< 0.024	_	v	0.12	(7)	NC	NC	NC
Antimony	06-MW-07-01	06-MW-07-01	< 0.024	_		0.12	(7)	NC	NC	NC
Antimony	09-MW-01-03	09-MW-01-03		_		960.0	(7)	NC	NC	NC
Arsenic	05-MW-06-03	05-MW-06-03	< 0.023		0 v	0.000	<u>(</u>	NC	NC	NC
Arsenic	05-MW-14-01	05-MW-14-01	< 0.023		v	0.11	(2)	N	NC	NC
Arsenio	08-MW-01-01	06-MW-07-01	< 0.023	<u>C</u>		0.11	<u> </u>	NC NC	S	NC
Barium	05-MW-06-03	09-MW-01-03	0.026		o `	0.092	(7)	S .	ટ ;	
Barium	05-MW-14-01	05-MW-14-01	0.24		_	24.0		c	7.0	0.00
Barium	06-MW-07-01	06-MW-07-01	0.36			0.36		9.0	1.0	2.50
Barium	09-MW-01-03	09-MW-01-03	0.89		_	0.91		6.0	0.1	2.10
Beryllium	05-MW-06-03	05-MW-06-03	<0.000554	3	, 0	0.0022	(7)	S	NC NC	S S
Beryllium	05-MW-14-01	05-MW-14-01	<0.000554	c)	۰ 0.0	0.0028	(E)	NC	NC NC	2
Beryllium	06-MW-07-01	06-MW-07-01	<0.000554	3	۸ 0.	0.0028	(2)	NC	NC	NC
Beryllium	09-MW-01-03	09-MW-01-03	<0.000550	3	۸ 0.	0.0022	(5)	S	NC	NC
Cachium	05-MW-06-03	05-MW-06-03	< 0.0017	(F)	). v	0.0069	(3)	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag							B9- 6
			(							į

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
Cartin	05-MW-14-01	05-MW-14-01	0 0043	0 014			108.59
mi im	06-Wi/-07-01	06_M/_07_01	(a) 0000 0	(1) 3000 0 /		2 2	
Cadmium	09-MW-01-03	09-MW-01-03		0.0068		ט ני צ	) E
Calcium	05-MW-06-03	05-MW-06-03			133	0.0	00.00
Calcium	05-MW-14-01	05-MW-14-01	176.0	178.0	177.0	1.4	1.13
Calcium	06-MW-07-01	06-MW-07-01	233.0	238.0	235.5	3.5	2.12
Calcium	09-MW-01-03	09-MW-01-03	174.0	180.0	177.0	4.2	3.39
Chromium	05-MW-06-03	05-MW-06-03	< 0.0025 (J)	< 0.0100 (J)	) NC	NC	NO.
Chromium	05-MW-14-01	05-MW-14-01	< 0.0025 (J)	< 0.012 (J)	) NC	NC	S
Chromium	06-MW-07-01	06-MW-07-01	< 0.0025 (J)	< 0.012 (J)	) NC	NC	SC
Chromium	09-MW-01-03	09-MW-01-03	< 0.0025 (J)	< 0.010 (J)	NC NC	NC	NC
Cobalt	05-MW-06-03	05-MW-06-03	< 0.0034 (J)	< 0.014 (J)	) NC	NC	SC
Cobalt	05-MW-14-01	05-MW-14-01	0.0055	0.024	0.0	0.0	123.95
Cobalt	06-MW-07-01	06-MW-07-01	0.0077	< 0.017 (J)	) NC	NC	NC S
Cobalt	09-MW-01-03	09-MW-01-03	< 0.0034 (J)	< 0.014 (J)	) NC	NC	NC .
Copper	05-MW-06-03	05-MW-06-03	< 0.0038 (J)	< 0.015 (J)	) NC	SC	SC
Copper	05-MW-14-01	05-MW-14-01	0.0099 (B)	0.039	0.0	0.0	119.28
Copper	06-MW-07-01	06-MW-07-01	< 0.0038 (J)	< 0.019 (J)	) NC	NC	NC
Copper	09-MW-01-03	09-MW-01-03	< 0.0038 (J)	< 0.015 (J)	) NC	SC	NC
Iron	05-MW-06-03	05-MW-06-03	27.4	27.5	27.5	0.1	0.36
Iron	05-MW-14-01	05-MW-14-01	< 0.0060 (J)	0.030 (B)	) NC	NC	SC.
Iron	06-MW-07-01	06-MW-07-01	0.35	0.45	0.4	0.1	25.09
Iron	09-MW-01-03	09-MW-01-03	63.9	9.99	65.3	1.9	4.14
Lead	05-MW-06-03	05-MW-06-03	< 0.027 (J)	< 0.11 (J)	) NC	NC	NC
Lead	05-MW-14-01	05-MW-14-01	< 0.027 (J)	< 0.14 (J)	) NC	NC	NC
Lead	06-MW-07-01	06-MW-07-01	< 0.027 (J)	< 0.14 (J)	) NC	NC	NC
Lead	09-MW-01-03	09-MW-01-03	< 0.027 (J)	< 0.11 (J)	) NC	NC	, Q
Magnesium	05-MW-06-03	05-MW-06-03	27.3	27.1	27.2	0.1	0.74
Magnesium	05-MW-14-01	05-MW-14-01	32.6	32.8	32.7	0.1	0.61
Magnesium	06-MW-07-01	06-MW-07-01	62.6	63.2	62.9	0.4	0.95
Magnesium	09-MW-01-03	09-MW-01-03	30.7	31.5	31.1	9.0	2.57
Manganese	05-MW-06-03	05-MW-06-03	2.8	2.8	2.8	0.0	0.71
Manganese	05-MW-14-01	05-MW-14-01	0.38	0.38	0.4	0.1	1.05
Manganese	06-MW-07-01	06-MW-07-01	1.8	1.8	1.8	0.0	2.26
Manganese	09-MW-01-03	09-MW-01-03	7.5	7.7	7.6	0.2	3.43
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 7

		Duplicate		Dunlicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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Molybdenum	05-MW-06-03	05-MW-06-03	< 0.0046 (J)	< 0.019 (J)	SC	NC	NC
Molybdenum	05-MW-14-01	05-MW-14-01	< 0.0046 (J)	< 0.023 (J)	NC	NC	NC
Molybdenum	06-MW-07-01	06-MW-07-01	< 0.0046 (J)	< 0.023 (J)	SC	NC	NC
Molybdenum	09-MW-01-03	09-MW-01-03	< 0.0046 (J)	< 0.018 (J)	NC	NC	NC
Nickel	05-MW-06-03	05-MW-06-03	0.013	< 0.039 (J)	S	NC	NC
Nickel	05-MW-14-01	05-MW-14-01	0.014	< 0.049 (J)	SC	NC	NC
Nickel	06-MW-07-01	06-MW-07-01	0.016	< 0.049 (J)	NC	NC	NC NC
Nickel	09-MW-01-03	09-MW-01-03	< 0.0099 (J)	< 0.040 (J)	NC	NC	NC
Potassium	05-MW-06-03	05-MW-06-03	2.3	2.2	2.2	0.1	7.14
Potassium	05-MW-14-01	05-MW-14-01	4.4	4.8	4.6	0.3	10.04
Potassium	06-MW-07-01	06-MW-07-01	5.8	5.5	5.7	0.3	6.73
Potassium	09-MW-01-03	09-MW-01-03	3.9	3.3	3.6	0.4	16.85
Selenium	05-MW-06-03	05-MW-06-03	< 0.042 (J)	< 0.17 (J)	S	NC	NC
Selenium	05-MW-14-01	05-MW-14-01	< 0.042 (J)	< 0.21 (J)	NC	NC	NC
Selenium	06-MW-07-01	06-MW-07-01	< 0.042 (J)	< 0.21 (J)	2	NC	NC
Selenium	09-MW-01-03	09-MW-01-03	< 0.042 (J)	< 0.17 (J)	S	NC	NC
Silver	05-MW-06-03	05-MW-06-03	< 0.0049 (J)	< 0.020 (J)	NC	NC	NC
Silver	05-MW-14-01	05-MW-14-01	< 0.0049 (J)	< 0.025 (J)	S	NC	NC
Silver	06-MW-07-01	06-MW-07-01	< 0.0049 (J)	< 0.025 (J)	NC	NC	NC
Silver	09-MW-01-03	09-MW-01-03	< 0.0049 (J)	< 0.020 (J)	NC	NC	NC
Sodium	05-MW-06-03	05-MW-06-03	5.3	5.7	5.5	0.3	6.53
Sodium	05-MW-14-01	05-MW-14-01	9.4	9.4	9.4	0.1	0.85
Sodium	06-MW-07-01	06-MW-07-01	14.0	14.1	14.1	0.1	0.71
Sodium	09-MW-01-03	09-MW-01-03	18.0	18.3	18.2	0.2	1.65
Thallium	05-MW-06-03	05-MW-06-03	0.019 (8)	0.080	0.0	0.1	122.75
Thallium	05-MW-14-01	05-MW-14-01	< 0.017 (J)	< 0.086 (J)	NC	NC	NC
Thallium	06-MW-07-01	06-MW-07-01	< 0.017 (J)	< 0.086 (J)	S	NC	NC
Thallium	09-MW-01-03	09-MW-01-03	< 0.017 (J)	< 0.068 (J)	2	NC	NC
Vanadium	05-MW-06-03	05-MW-06-03	< 0.0024 (J)	< 0.0094 (J)	SC	NC	NC
Vanadium	05-MW-14-01	05-MW-14-01	< 0.0024 (J)	< 0.012 (J)	SC	NC	NC
Vanadium	06-MW-07-01	06-MW-07-01	< 0.0024 (J)	< 0.012 (J)	S	NC	NC
Vanadium	09-MW-01-03	09-MW-01-03	< 0.0024 (J)	< 0.0096 (J)	2	NC	NC
Zinc	05-MW-06-03	05-MW-06-03	0.019	0.032	0.0	0.0	51.00
Zinc	05-MW-14-01	05-MW-14-01	0.0023 (B)	< 0.0077 (J)	NC	NC	NC
Zinc	06-MW-07-01	06-MW-07-01	0.0074 (B)	0.012	0.0	0.0	49.87
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89-8
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		Duplicate			Dup] icate		Mean	Standard	
Parameter	Sample ID	Sample ID	Value		Value		Value	Deviation	RPD (%)
	09-MW-01-03	09-MW-01-03	0.013		0.029		0.0	0.0	73.99
Type = Field Duplicate $(mg/L)$	ng/L)								
Aluminum	05-MW-03-03	05-MW-03-DS-03	, 0.028 (	(2)	< 0.028	(2)	S	S	NC
Aluminum	05-MW-14-01	05-MW-14-DS-01	_	· (2)	< 0.028	(E)	SC	NC	SC
Aluminum	06-MW-07-01	06-MW-07-DS-01	_	(C)	< 0.028	(2)	S	NC	S
Aluminum	07-MW-02-03	07-MW-02-DS-03	< 0.028 (.	(C)	< 0.028	(?)	S	NC	S
Aluminum	07-MW-02-DS-03	07-MW-02-DS-03	< 0.028 (L	<u> </u>	< 0.11	(7)	S	SC	NC NC
Aluminum	12-MW-02-03	12-MW-02-DS-03	< 0.028 (,	(T)	< 0.028	(7)	SC	S	S
Antimony	05-MW-03-03	05-MW-03-DS-03	< 0.024 (	(E)	< 0.024	(7)	S	S	NC
Antimony	05-MW-14-01	05-MW-14-DS-01	< 0.024 (,	(S)	< 0.024	(7)	S	S	S
Antimony	06-MW-07-01	06-MW-07-DS-01	< 0.024 (	(T)	< 0.024	(2)	S	SC	2
Antimony	07-MW-02-03	07-MW-02-DS-03	< 0.024 (,	(7)	0.038		S	SC	S
Antimony	07-MW-02-DS-03	07-MW-02-DS-03	0.038		> 0.096	(7)	S	SC	SC
Antimony	12-MW-02-03	12-MW-02-DS-03	< 0.024 (,	(T)	< 0.024	(7)	S	SC	S
Arsenic	05-MW-03-03	05-MW-03-DS-03	< 0.023 (i	(C)	< 0.023	(3)	S	SC.	S
Arsenic	05-MW-14-01	05-MW-14-DS-01	< 0.023 (	(T)	< 0.023	(2)	S	SC	NC
Arsenic	06-MW-07-01	06-MW-07-DS-01	< 0.023 (	(T)	< 0.023	(7)	S	NC	SC
Arsenic	07-MW-02-DS-03	07-MW-02-DS-03	< 0.023 (i	( <u>c</u>	< 0.092	(2)	S	NC	NC
Arsenic	07-MW-02-03	07-MW-02-DS-03	< 0.023 ( ₁	(2)	< 0.023	(?)	S	NC	NC
Arsenic	12-MW-02-03	12-MW-02-DS-03	< 0.023 (	(5)	< 0.023	· (r)	S	NC	S
Barium	05-MW-03-03	05-MW-03-DS-03	0.60		0.59		9.0	0.0	0.50
Barium	05-MW-14-01	05-MW-14-DS-01	0.24		0.23		0.5	0.0	1.27
Barium	06-MW-07-01	06-MW-07-DS-01	0.36		0.34		0.3	0.1	3.44
Barium	07-MW-02-03	07-MW-02-DS-03	0.91		0.91		0.9	0.1	0.33
Barium	07-MW-02-DS-03	07-MW-02-DS-03	0.91		0.92		0.9	0.1	1.20
Barium	12-MW-02-03	12-MW-02-DS-03	0.26		0.26		0.3	0.0	1.56
Beryllium	05-MW-03-03	05-MW-03-DS-03	<0.000554 (	3	<0.000554	(2)	SC	NC	S
Beryllium	· 05-MW-14-01	05-MW-14-DS-01	<0.000554 (	(5)	<0.000554	(5)	SC	NC	NC
Beryllium	06-MW-07-01	06-MW-07-DS-01	<0.000554	<u>c</u>	<0.000554	(1)	SC	NC	Ş
Beryllium	07-MW-02-DS-03	07-MW-02-DS-03	<0.000550 (	3	< 0.0022	(J)	S	NC	NC
Beryllium	07-MW-02-03	07-MW-02-DS-03	<0.000550 (	(T)	<0.000550	<u>C</u>	2	NC	NC
Beryllium	12-MW-02-03	12-MW-02-DS-03	_	(5)	<0.000550	(7)	S	NC	Ş
Cachmium	05-MW-03-03	05-MW-03-DS-03	< 0.0017 (	(2)	< 0.0017	(7)	SC	SC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag						B9- 9

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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Cadmium	05-MW-14-01	05-MW-14-DS-01	0.0043	0.0032 (B)	0.0	0.0	30.87
Cadmium	06-MW-07-01	06-MW-07-DS-01	0.0029 (B)	0.0018 (B)	0.0	0.0	44.97
Cadmium	07-MW-02-03	07-MW-02-DS-03	< 0.0017 (J)	< 0.0017 (J)	NC	NC	S
Cadmium	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0017 (J)	< 0.0068 (J)	NC	NC	SC
Cadmium	12-MW-02-03	12-MW-02-DS-03	< 0.0017 (J)	_	NC	S	S
Calcium	05-MW-03-03	05-MW-03-DS-03	174.0	172.0	173.0	1.4	1.16
Calcium	05-MW-14-01	05-MW-14-DS-01	176.0	173.0	174.5	2.1	1.72
Calcium	06-MW-07-01	06-MW-07-DS-01	233.0	228.0	230.5	3,5	2.17
Calcium	07-MW-02-03	07-MW-02-DS-03	105.0	105.0	105.0	0.0	00.00
Calcium	07-MW-02-DS-03	07-MW-02-DS-03	105.0	108.0	106.5	2.1	2.82
Calcium	12-MW-02-03	12-MW-02-DS-03	146.0	146.0	146.0	0.0	00.00
Chromium	05-MW-03-03	05-MW-03-DS-03	< 0.0025 (J)	< 0.0025 (J)	NC	S	S
Chromium	05-MW-14-01	05-MW-14-DS-01	< 0.0025 (J)	< 0.0025 (J)	NC	NC	N.
Chromium	06-MW-07-01	06-MW-07-DS-01	< 0.0025 (J)	< 0.0025 (J)	NC	NC	NC
Chromium	07-MW-02-DS-03	07-MW-02-DS-03	0.0082	< 0.010 (J)	NC	NC	NC
Chromium	07-MW-02-03	07-MW-02-DS-03	0.0036 (B)	0.0082	0.0	0.0	77.42
Chromium	12-MW-02-03	12-MW-02-DS-03	0.0031 (B)	< 0.0025 (J)	NC	NC	NC
Cobalt	05-MW-03-03	05-MW-03-DS-03	0.0075	0.0074	0.0	0.0	1.61
Cobalt	05-MW-14-01	05-MW-14-DS-01	0.0055	0.0037 (B)	0.0	0.0	41.13
Cobalt	06-MW-07-01	06-MW-07-DS-01	0.0077	0.0099	0.0	0.0	25.01
Cobalt	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0034 (J)	< 0.014 (J)	NC	NC	NC
Cobalt	07-MW-02-03	07-MW-02-DS-03	< 0.0034 (J)	< 0.0034 (J)	NC	NC	NC
Cobalt	12-MW-02-03	12-MW-02-DS-03	< 0.0034 (J)	< 0.0034 (J)	NC	NC	NC
Copper	05-MW-03-03	05-MW-03-DS-03	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Copper	05-MW-14-01	05-MW-14-DS-01	0.0099 (B)	0.0082 (B)	0.0	0.0	18.52
Copper	06-MW-07-01	06-MW-07-DS-01	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Copper	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0038 (J)	< 0.015 (J)	NC	NC	NC
Copper	07-MW-02-03	07-MW-02-DS-03	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Copper	12-MW-02-03	12-MW-02-DS-03	< 0.0038 (J)	< 0.0038 (J)	NC	NC	NC
Iron	05-MW-03-03	05-MW-03-DS-03	57.2	55.5	56.4	1.2	3.02
Iron	05-MW-14-01	05-MW-14-DS-01	< 0.0060 (J)	< 0.0060 (J)	NC	NC	NC
Iron	06-MW-07-01	06-MW-07-DS-01	0.35	0.22	0.3	0.1	47.45
Iron	07-MW-02-DS-03	07~MW-02-DS-03	12.6	13.0	12.8	0.3	3.13
Iron	07-MW-02-03	07-MW-02-DS-03	12.6	12.6	12.6	0.0	0.00
Iron	12-MW-02-03	12-MW-02-DS-03	0.091 (B)	0.038 (B)	0.1	0.0	82.65
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 10
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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Lead	05-MW-03-03	05-MW-03-DS-03	< 0.027 (J)	< 0.027 (J)	S	NC	SC
Lead	05-MW-14-01	05-MW-14-DS-01	< 0.027 (J)	< 0:027 (J)	S	S	SC
Lead	06-MW-07-01	06-MW-07-DS-01	< 0.027 (J)	< 0.027 (J)	NC	SK	NC
Lead	07-MW-02-03	07-MW-02-DS-03	< 0.027 (J)	< 0.027 (J)	S	S	SC
Lead	07-MW-02-DS-03	07-MW-02-DS-03	< 0.027 (J)	< 0.11 (J)	NC	SC	NC
Lead	12-MW-02-03	12-MW-02-DS-03	< 0.027 (J)	< 0.027 (J)	NC	NC	NC
Magnesium	05-MW-03-03	05-MW-03-DS-03	30.3	30.0	30.2	0.2	1.00
Magnesium	05-MW-14-01	05-MW-14-DS-01	32.6	31.9	32.3	0.5	2.17
Magnesium	06-MW-07-01	06-MW-07-DS-01	62.6	61.5	62.1	8.0	1.77
Magnesium	07-MW-02-03	07-MW-02-DS-03	9.66	99.1	99.4	0.4	0.50
Magnesium	07-MW-02-DS-03	07-MW-02-DS-03	99.1	101.0	100.1	1.3	1.90
Magnesium	12-MW-02-03	12-MW-02-DS-03	26.8	56.9	26.9	0.1	0.37
Manganese	05-MW-03-03	05-MW-03-DS-03	11.2	11.0	11.1	0.1	1.80
Manganese	05-MW-14-01	05-MW-14-DS-01	0.38	0.39	0.4	0.0	2.85
Manganese	06-MW-07-01	06-MW-07-DS-01	1.8	2.0	1.9	0.1	10.81
Manganese	07-MW-02-DS-03	07-MW-02-DS-03	0.16	0.16	0.2	0.0	2.50
Manganese	07-MW-02-03	07-MW-02-DS-03	0.16	0.16	0.2	0.0	1.92
Manganese	12-MW-02-03	12-MW-02-DS-03	0.075	0.056	0.1	0.0	29.75
. Wolybdenum	05-MW-03-03	05-MW-03-DS-03	< 0.0046 (J)	< 0.0046 (J)	NC	NC	NC
Molybdenum	05-MW-14-01	05-MW-14-DS-01	< 0.0046 (J)	< 0.0046 (J)	NC	SC	NC
Molybdenum	06-MW-07-01	06-MW-07-DS-01	< 0.0046 (J)	< 0.0046 (J)	NC	NC	NC
Molybdenum	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0046 (J)	< 0.018 (J)	NC	NC	SC
Molybdenum	07-MW-02-03	07-MW-02-DS-03	< 0.0046 (J)	< 0.0046 (J)	NC	NC	SC
Molybdenum	. 12-MW-02-03	12-MW-02-DS-03	< 0.0046 (J)	< 0.0046 (J)	NC	SC	SC
Nickel	05-MW-03-03	05-MW-03-DS-03	< 0.0099 (J)	< 0.0099 (J)	NC	Š	Š
Nickel	05-MW-14-01	05-MW-14-DS-01	0.014	< 0.0099 (J)	NC	S	NC
Nickel	06-MW-07-01	06-MW-07-DS-01	0.016	0.023	0.0	0.0	33.08
Nickel	07-MW-02-DS-03	07-MW-02-DS-03	< 0.0099 (J)	< 0.040 (J)	NC	NC	NC
Nickel	07-MW-02-03	07-MW-02-DS-03	(1) 60000 > :	< 0.0099 (J)	NC	NC	NC
Nickel	12-MW-02-03	12-MW-02-DS-03	< 0.0099 (J)	< 0.0099 (J)	NC	Ş	S
Potassium	05-MW-03-03	05-MW-03-DS-03	5.4	5.5	5.4	0.1	2.02
Potassium	05-MW-14-01	05-MW-14-DS-01	4.4	4.0	4.2	0.2	7.89
Potassium	06-MW-07-01	06-MW-07-DS-01	5.8	5.9	5.9	0.1	1.70
Potassium	07-MW-02-03	07-MW-02-DS-03	5.1	4.8	4.9	0.3	7.29
Potassium	07-MW-02-DS-03	07-MW-02-DS-03	4.8	4.6	4.7	0.1	2.55
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 11
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1		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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Potassium	12-MW-02-03	12-MW-02-DS-03	2.5	2.5	6	0	13 22
Selenium	05-MW-03-03	05-MW-03-DS-03	< 0.042 (J)	< 0.042 (1)		)     	77. Ct N
Selenium	05-MW-14-01	05-MW-14-DS-01	_		. N	2 2	) E
Selenium	06-MW-07-01	06-MW-07-DS-01	_		Q Z	2 2	S S
Selenium	07-MW-02-03	07-MW-02-DS-03			. X	) <u>V</u>	2
Selenium	07-MW-02-DS-03	07-MW-02-DS-03		_	) N	2 2	5 5
Selenium	12-MW-02-03	12-MW-02-DS-03			S N	2 2	<u>۽</u> ڇ
Silver	05-MW-03-03	05-MW-03-DS-03			2 2	2 2	ទីទី
Silver	05-MW-14-01	05-MW-14-DS-01	_		2 9	2 9	۽ ج
Silver	06-MW-07-01	06-MW-07-DS-01	_		<u>۽</u> ڇ	۽ ڇ	۽ ڇ
Silver	07-MW-02-03	50-SU-00-MM-20 .			2 9	<u>&gt;</u> 4	<u>۽</u> ج
Silver	07-MW-02-03	07-MW-02-03			ج ک	. ۶	: <u>۱</u>
Silver	12-MW-02-03	12-MW-02-DS-03			S C	ည္ ဋ	⊋ <u>:</u>
Sodium	05-MW-03-03	05-MW-03-DS-03			į .	۽ ج	چ
Sodium	05-MW-14-01	05-MW-14-DS-01	7. 5	4.	4. 0	0.0	1.15
Sodium	06-MW-07-01	06-MW-07-05-01	4.0.1	1.6.	υ.	0,2	3.56
Sodium	07-MW-02-DS-03	07-MW-02-DS-03	6. F.	13.0 8.18	15.9	1.0	1.44
Sodium	07-MW-02-03	07-MW-02-DS-03	61.0	6.19	61.5		1.14
Sodium	12-MW-02-03	12-MW-02-DS-03	5.4	4.5	. i.		0.10
Thallium	05-MW-03-03	05-MW-03-DS-03	< 0.017 (3)	(1) 210 >	) C	) Z	77.0 N
Thallium	05-MW-14-01	05-MW-14-DS-01	_		N N	2 2	) <u></u>
Thallium	06-MW-07-01	06~MW-07-DS-01			S N	) <u>C</u>	
Thallium	07-MW-02-03	07-MW-02-DS-03			2 Z	2 2	5 F
Thallium	07-MW-02-DS-03	07-MW-02-DS-03			S N	) <u>C</u>	) C
Thallium	12-MW-02-03	12-MW-02-DS-03	_		N.C.	S S	) N
Vanadium	05-MW-03-03	05-MW-03-DS-03	< 0.0024 (J)		N.	) N	) 2
Vanadium	05-MW-14-01	05-MW-14-DS-01	_	_	NC NC	S S	) N
Vanadium	06-MW-07-01	06-MW-07-DS-01	_		NC NC	N S	)   
Vanadium	07-MW-02-03	07-MW-02-DS-03	0.0025 (B)		0.0	0.0	62 6
Vanadium	07-MW-02-DS-03	07-MW-02-DS-03	0.0025 (B)	(1) 9600 >	S	NC	N SN
Vanadium	12-MW-02-03	12-MW-02-DS-03	< 0.0024 (J)	_	S	2 2	. Y
Zinc	05-MW-03-03	05-MW-03-DS-03	0.0059 (8)	0.0085	0.0	0.0	36.48
Zinc	05-MW-14-01	05-MW-14-DS-01	0.0023 (B)	0.0029 (B)	0.0	0.0	21.88
Zinc	06-MW-07-01	06-MW-07-DS-01	0.0074 (B)	0.0060 (B)	0.0	0.0	21.42
Z1nc	07-MW-02-DS-03	07-MW-02-DS-03	0.0094	0.0067 (8)	0.0	0.0	34.04
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				RO. 12
							3

Zinc 07-MW-6 Zinc 12-MW-1 Type = Laboratory Control Duplicate	Sample ID	Sample 10	Value	Uuplicate Valus	Mean	Standard	(%)
Zinc Zinc Type = Laboratory Control Du			0 1	ן מין מין	ו אמו	DEVIALION	בבבבבב
Zinc Type = Laboratory Control Du Aluminum	07-MW-02-03	07-MW-02-03	0.0039 (B)	0.0094	0.0	0.0	83.95
Type = Laboratory Control Du Aluminum	12-MW-02-03	12-MW-02-DS-03	0.0022 (B)	< 0.0015 (J)	NC	NC	NC
Aluminum	uplicate (mg/L)						
	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Aluminum	LCS93-1336	LCSD93-1336	98.0	98.0	98.0	0.0	0.00
Aluminum	LCS93-1475	LCSD93-1475	98.0	100.0	99.0	1.4	2.05
Aluminum	LCS933746	LCSD933746	94.0	94.0	94.0	0.0	0.00
Aluminum	LCS933866	LCSD933866	97.0	97.0	97.0	0.0	0.00
Aluminum	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Aluminum	LCS933905	LCSD933905	0.96	97.0	96.5	0.7	1.04
Aluminum	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Aluminum	LCS934378	LCSD934378	95.0	95.0	95.0	0.0	0.00
Aluminum	LCS934413	LCSD934413	94.0	95.0	94.5	0.7	1.06
Aluminum	LCS934458	LCSD934458	95.0	95.0	95.0	0.0	0.00
Aluminum	LCS934612	LCSD934612	0.96	98.0	97.0	1.4	2.06
Aluminum	LCS934612	LCSD934612	97.0	97.0	97.0	0.0	0.00
Aluminum	LCS934625	LCSD934625	99.0	100.0	99.5	0.7	1.01
Antimony	LCS93-1202	LCSD93-1202	94.0	98.0	0.96	2.8	4.17
Antimony	LCS93-1336	LCSD93-1336	93.0	93.0	93.0	0.0	0.00
Antimony	LCS93-1475	LCSD93-1475	0.96	99.0	97.5	2.1	3.08
Antimony	LCS933746	LCSD933746	96.0	92.0	94.0	2.8	4.26
Antimony	LCS933866	LCSD933866	100.0	0.96	98.0	2.8	4.08
Antimony	LCS933866	TCSD933866	95.0	96.0	95.5	0.7	1.05
Antimony	LCS933905	LCSD933905	91.0	92.0	91.5	0.7	1.09
Antimony	LCS933905	LCSD933905	89.0	91.0	90.0	1.4	2.25
Antimony	LCS934378	LCSD934378	0.96	0.96	0.96	0.0	0.00
Antimony	LCS934413	LCSD934413	0.68	86.0	87.5	2.1	3.43
Antimony	LCS934458	LCSD934458	93.0	90,06	91.5	2.1	3.28
Antimony	LCS934612	LCSD934612	97.0	0.66	98.0	1.4	2.04
Antimony	LCS934612	LCSD934612	93.0	94.0	93.5	0.7	1.07
Antimony	LCS934625	LCSD934625	0.86	100.0	99.0	1.4	2.05
Arsenic	LCS93-1202	LCSD93-1202	94.0	97.0	95.5	2.1	3.14
Arsenic	LCS93-1336	LCSD93-1336	97.0	95.0	96.0	1.4	2.08
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected (	() = Data Flag				B9- 13

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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Arsenic	LCS93-1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Arsenic	LCS933746	LCSD933746	100.0	95.0	97.5	3.5	5.13
Arsenic	LCS933866	LCSD933866	95.0	99.0	97.0	2.8	4.12
Arsenic	LCS933866	LCSD933866	97.0	100.0	98.5	2.1	3.05
Arsenic	LCS933905	TCSD933905	92.0	94.0	93.0	1.4	2.15
Arsenic	LCS933905	LCSD933905	93.0	91.0	92.0	1.4	2.17
Arsenic	LCS934378	LCSD934378	97.0	0.96	96.5	0.7	1.04
Arsenic	LCS934413	LCSD934413	0.68	92.0	90.5	2.1	3.31
Arsenic	LCS934458	LCSD934458	0.96	95.0	95.5	0.7	1.05
Arsenic	LCS934612	LCSD934612	98.0	0.66	98.5	0.7	1.02
Arsenic	LCS934612	LCSD934612	94.0	98.0	96.0	2.8	4.17
Arsenic	LCS934625	LCSD934625	0.96	97.0	96.5	0.7	1.04
Barium	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Barium	LCS93-1336	LCSD93-1336	98.0	97.0	97.5	0.7	1.03
Barium	LCS93-1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Barium	LCS933746	LCSD933746	0.66	0.66	0.66	0.0	0.00
Barium	LCS933866	LCSD933866	98.0	0.66	98.5	0.7	1.02
Barium	LCS933866	LCSD933866	0.96	0.96	96.0	0.0	0.00
Barium	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Barium	LCS933905	LCSD933905	95.0	0.96	95.5	0.7	1.05
Barium	LCS934378	LCSD934378	0.76	97.0	97.0	0.0	0.00
Barium	LCS934413	LCSD934413	91.0	92.0	91.5	0.7	1.09
Barium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Barium	LCS934612	LCSD934612	0.96	0.96	0.96	0.0	0.00
Barium	LCS934612	LCSD934612	100.0	100.0	100.0	0.0	0.00
Barium	LCS934625	LCSD934625	0.66	0.66	0.66	0.0	0.00
Beryllium	LCS93-1202	LCSD93-1202	0.76	0.66	98.0	1.4	2.04
Beryllium	LCS93-1336	LCSD93-1336	0.66	98.0	98.5	0.7	1.02
Beryllium	LCS93-1475	LCSD93-1475	98.0	0.66	98.5	0.7	1.02
Beryllium	LCS933746	LCSD933746	101.0	101.0	101.0	0.0	0.00
Beryllium	TCS933866	TCSD333866	0.66	0.66	0.66	0.0	0.00
Beryllium	LCS933866	CSD933866	98.0	0.86	98.0	0.0	0.00
Beryllium	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Beryllium	LCS933905	LCSD933905	94.0	95.0	94.5	0.7	1.06
Beryllium	LCS934378	LCSD934378	100.0	100.0	100.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 14

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			i i i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Beryllium	LCS934413	LCSD934413	0.06	91.0	90.5	0.7	1.10
Beryllium	LCS934458	LCSD934458	95.0	94.0	94.5	0.7	1.06
Beryllium	LCS934612	LCSD934612	0.96	98.0	97.0	1.4	2.06
Beryllium	LCS934612	LCSD934612	101.0	101.0	101.0	0.0	0.00
Beryllium	LCS934625	LCSD934625	101.0	102.0	101.5	0.7	0.99
Cadmium	LCS93-1202	LCSD93-1202	95.0	97.0	0.96	1.4	2.08
Cadmium	LCS93-1336	LCSD93-1336	0.96	0.96	0.96	0.0	0.00
Cadmium	LCS93-1475	LCSD93-1475	95.0	0.96	95.5	0.7	1.05
Cadmium	LCS933746	LCSD933746	0.96	96.0	0.96	0.0	0.00
Cadmium	TCS933866	LCSD933866	95.0	95.0	95.0	0.0	0.00
Cadmium	LCS933866	LCSD933866	94.0	95.0	94.5	0.7	1.06
Cadmium	LCS933905	LCSD933905	0.06	91.0	90.5	0.7	1.10
Cadmium	LCS933905	LCSD933905	89.0	0.06	89.5	0.7	1.12
Cadmium	LCS934378	LCSD934378	95.0	95.0	95.0	0.0	0.00
Cadmium	LCS934413	LCSD934413	88.0	0.68	88.5	0.7	1.13
Cadmium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Cadmium	LCS934612	LCSD934612	95.0	0.96	95.5	0.7	1.05
Cadmium	LCS934612	LCSD934612	0.76	98.0	97.5	0.7	1.03
Cadmium	LCS934625	LCSD934625	97.0	97.0	97.0	0.0	0.00
Calcium	LCS93-1202	LCSD93-1202	101.0	102.0	101.5	0.7	0.99
Calcium	LCS93-1336	LCSD93-1336	102.0	102.0	102.0	0.0	0.00
Calcium	LCS93-1475	LCSD93-1475	102.0	103.0	102.5	0.7	0.98
Calcium	LCS933746	LCSD933746	98.0	0.66	98.5	0.7	1.02
Calcium	LCS933866	LCSD933866	0.66	100.0	99.5	0.7	1.01
Calcium	LCS933866	TCSD333866	102.0	102.0	102.0	0.0	0.00
Calcium	LCS933905	LCSD933905	0.79	98.0	97.5	0.7	1.03
Calcium	LCS933905	LCSD933905	94.0	95.0	94.5	0.7	1.06
Calcium	LCS934378	LCSD934378	101.0	101.0	101.0	0.0	0.00
Calcium	LCS934413	LCSD934413	94.0	95.0	94.5	0.7	1.06
Calcium	LCS934458	LCSD934458	98.0	98.0	98.0	0.0	0.00
Calcium	LCS934612	LCSD934612	100.0	101.0	100.5	0.7	1.00
Calcium	LCS934612	LCSD934612	103.0	103.0	103.0	0.0	00.00
Calcium	LCS934625	LCSD934625	107.0	107.0	107.0	0.0	0.00
Chromium	LCS93-1202	LCSD93-1202	0.96	97.0	96.5	0.7	1.04
Chromium	LCS93-1336	LCSD93-1336	97.0	97.0	97.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 15

		Duplicate		Ounlicate	Mean	Standard	
Parameter	Sample 1D	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1	1 1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1	1 1 6	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Chromium	LCS93-1475	LCSD93-1475	0.86	0.66	98.5	0.7	1.02
Chromium	LCS933746	LCSD933746	0.86	97.0	97.5	0.7	1.03
Chromium	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Chromium	LCS933866	TCSD933866	0.76	97.0	97.0	0.0	0.00
Chromium	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	00.00
Chromium	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Chromium	LCS934378	LCSD934378	97.0	97.0	97.0	0.0	0.00
Chromium	LCS934413	LCSD934413	0.06	91.0	90.5	0.7	1.10
Chromium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Chromium	LCS934612	LCSD934612	95.0	97.0	96.0	1.4	2.08
Chromium	LCS934612	LCSD934612	100.0	100.0	100.0	0.0	0.00
Chromium	LCS934625	LCSD934625	0.66	100.0	99.5	0.7	1.01
Cobalt	LCS93-1202	LCSD93-1202	95.0	97.0	0.96	1.4	2.08
Cobalt	LCS93-1336	LCSD93-1336	0.96	0.96	96.0	0.0	00.00
Cobalt	LCS93-1475	LCSD93-1475	98.0	98.0	98.0	0.0	0.00
Cobalt	LCS933746	LCSD933746	0.96	97.0	96.5	0.7	1.04
Cobalt	LCS933866	LCSD933866	95.0	0.96	95.5	0.7	1.05
Cobalt	LCS933866	TCSD933866	95.0	0.96	95.5	0.7	1.05
Cobalt	LCS933905	TCSD833805	91.0	91.0	91.0	0.0	0.00
Cobalt	LCS933905	LCSD933905	0.06	91.0	90.2	0.7	1.10
Cobalt	LCS934378	LCSD934378	97.0	0.96	96.5	0.7	1.04
Cobalt	LCS934413	LCSD934413	88.0	89.0	88.5	0.7	1.13
Cobalt	LCS934458	LCSD934458	92.0	92.0	92.0	0.0	0.00
Cobalt	LCS934612	LCSD934612	98.0	98.0	98.0	0.0	0.00
Cobalt	LCS934612	LCSD934612	94.0	95.0	94.5	0.7	1.06
Cobalt	LCS934625	LCSD934625	98.0	99.0	98.5	0.7	1.02
Copper	LCS93-1202	LCSD93-1202	0.76	0.66	98.0	1.4	2.04
Copper	LCS93-1336	LCSD93-1336	98.0	98.0	98.0	0.0	0.00
Copper	LCS93-1475	LCSD93-1475	98.0	98.0	98.0	0.0	0.00
Copper	LCS933452	LCSD933452	101.0	101.0	101.0	0.0	0.00
Copper	LCS933866	TCSD933866	98.0	97.0	97.5	0.7	1.03
Copper	LCS933866	LCSD933866	0.76	97.0	97.0	0.0	0.00
Copper	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Copper	.LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Copper	LCS934378	LCSD934378	0.96	0.96	96.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 16
			, ; <b>(</b>				

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 2 5 5 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!
Copper	LCS934413	LCSD934413	89.0	0.06	89.5	0.7	1.12
Copper	LCS934458	LCSD934458	93.0	93.0	93.0	0.0	00.0
Copper	LCS934612	LCSD934612	92.0	0.96	95.5	0.7	1.05
Copper	LCS934612	LCSD934612	0.66	98.0	98.5	0.7	1.02
Copper	LCS934625	LCSD934625	98.0	0.66	98.5	0.7	1.02
Iron	LCS93-1202	LCSD93-1202	95.0	97.0	96.0	1.4	2.08
Iron	LCS93-1336	LCSD93-1336	0.96	96.0	96.0	0.0	00.00
Iron	LCS93-1475	LCSD93-1475	98.0	100.0	99.0	1.4	2.02
Iron	LCS933746	LCSD933746	. 95.0	95.0	95.0	0.0	00.00
Iron	LCS933866	LCSD933866	98.0	0.66	98.5	0.7	1.02
Iron	LCS933866	LCSD933866	98.0	98.0	98.0	0.0	00.00
Iron	LCS933905	LCSD933905	92.0	93.0	92.5	0.7	1.08
Iron	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Iron	LCS934378	LCSD934378	97.0	97.0	97.0	0.0	00.00
Iron	LCS934413	LCSD934413	91.0	92.0	91.5	0.7	1.09
Iron	LCS934458	LCSD934458	94.0	94.0	94.0	0.0	00.0
Iron	LCS934612	LCSD934612	0.96	97.0	96.5	0.7	1.04
Iron	LCS934612	LCSD934612	101.0	100.0	100.5	0.7	1.00
Iron	LCS934625	LCSD934625	103.0	104.0	103.5	0.7	0.97
Lead	LCS93-1202	LCSD93-1202	0.66	97.0	98.0	1.4	2.04
Lead	LCS93-1336	LCSD93-1336	100.0	98.0	99.0	1.4	2.02
Lead	LCS93-1475	LCSD93-1475	100.0	98.0	99.0	1.4	2.02
Lead	LCS933746	LCSD933746	0.96	97.0	96.5	0.7	1.04
Lead	LCS933866	LCSD933866	100.0	0.66	99.5	0.7	1.01
Lead	LCS933866	LCSD933866	0.96	97.0	96.5	0.7	1.04
Lead	LCS933905	LCSD933905	94.0	92.0	93.0	1.4	2.15
Lead	LCS933905	LCSD933905	93.0	94.0	93.5	0.7	1.07
Lead	LCS934378	LCSD934378	97.0	97.0	97.0	0.0	0.00
Lead	LCS934413	LCSD934413	89.0	91.0	90.0	1.4	2.22
Lead	LCS934458	LCSD934458	94.0	92.0	93.0	1.4	2.15
Lead	LCS934612	LCSD934612	0.96	100.0	98.0	2.8	4.08
Lead	LCS934612	LCSD934612	98.0	102.0	100.0	2.8	4.00
Lead	LCS934625	LCSD934625	101.0	97.0	0.66	2.8	4.04
Magnesium	LCS93-1202	LCSD93-1202	0.76	99.0	98.0	1.4	2.04
Magnesium	LCS93-1336	LCSD93-1336	98.0	98.0	98.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 17
Control of the contro			;				

		Duplicate		Dunlicate	Mean	C+ andand	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1	(1)
Magnesium	LCS93-1475	LCSD93-1475	98.0	100.0	0.66	1.4	. 2 02
Magnesium	LCS933746	LCSD933746	94.0	94.0	94.0	0.0	0.00
Magnesium	LCS933866	LCSD933866	97.0	98.0	97.5	0.7	1.03
Magnesium	LCS933866	LCSD933866	97.0	97.0	97.0	0.0	0.00
Magneslum	LCS933905	LCSD933905	93.0	93.0	93.0	0.0	0.00
Magneslum	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	0.00
Magnesium	LCS934378	LCSD934378	0.96	95.0	95.5	0.7	1.05
Magnesium	LCS934413	LCSD934413	93.0	93.0	93.0	0.0	0.00
Magnesium	LCS934458	LCSD934458	95.0	95.0	95.0	0.0	0.00
Magnesium	LCS934612	LCSD934612	97.0	98.0	97.5	0.7	1.03
Magnesıum	LCS934612	LCSD934612	98.0	98.0	98.0	0.0	0.00
Magnesıum	LCS934625	LCSD934625	100.0	100.0	100.0	0.0	0.00
Manganese	LCS93-1202	LCSD93-1202	95.0	97.0	96.0	1.4	2.08
manganese	LCS93-1336	LCSD93-1336	0.96	0.96	96.0	0.0	0.00
Manganese	LCS93~1475	LCSD93-1475	97.0	98.0	97.5	0.7	1.03
Manganese	LCS933746	LCSD933746	97.0	97.0	97.0	0.0	0.00
Manganese	LCS933866	LCSD933866	0.96	0.96	96.0	0.0	0.00
Manganese	LCS933866	LCSD933866	0.96	97.0	96.5	0.7	1.04
manganese	LCS933905	LCSD933905	92.0	93.0	92.5	0.7	1.08
Manganese	LCS933905	LCSD933905	92.0	92.0	92.0	0.0	0.00
Manganese	LCS934378	LCSD934378	97.0	0.96	96.5	0.7	1.04
manganese	LCS934413	LCSD934413	89.0	0.06	89.5	0.7	1.12
Manganese	LCS934458	LCSD934458	93.0	92.0	92.5	0.7	1.08
Manganese	LCS934612	LCSD934612	95.0	95.0	95.0	0.0	0.00
Manganese	LCS934612	LCSD934612	0.66	0.66	99.0	0.0	0.00
Manganese	LCS934625	LCSD934625	98.0	0.66	98.5	0.7	1.02
	1000 1000	LCSD93-1202	94.0	0.96	95.0	1.4	2.11
Molybaenum Molybaenum	LCS93-1336	LCSD93-1336	95.0	96.0	95.5	0.7	1.05
Molybaenum M-7:1:	LCS93-1475	LCSD93-1475	0.96	97.0	96.5	0.7	1.04
Molybaenum	LCS933746	LCSD933746	93.0	94.0	93.5	0.7	1.07
Molybdenum	LCS933866	CSD933866	94.0	94.0	94.0	0.0	0.00
Molybdenum	LCS933866	LCSD933866	95.0	0.96	95.5	0.7	1.05
molybdenum	LCS933905	LCSD933905	0.06	91.0	90.5	0.7	1.10
Molybdenum	LCS933905	LCSD933905	92.0	92.0	92.0	0.0	00.00
Molybdenum	LCS934413	LCSD934413	88.0	89.0	88.5	0.7	1.13

() = Data Flag

ND = Not Detected

NC = Not Calculable

Compiled: 10 May 1994

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ \$ 2 1 1 2 P F 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 5 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
Molybdenum	LCS934458	LCSD934458	91.0	91.0	91.0	0.0	00.00
Molybdenum	LCS934612	LCSD934612	94.0	94.0	94.0	0.0	0.00
Molybdenum	LCS934612	LCSD934612	93.0	94.0	93.5	0.7	1.07
Molybdenum	LCS934625	LCSD934625	0.86	98.0	98.0	0.0	0.00
Nickel	LCS93-1202	LCSD93-1202	0.96	98.0	97.0	1.4	2.06
Nickel	LCS93-1336	LCS093-1336	95.0	0.96	95.5	0.7	1.05
Nickel	LCS93-1475	LCSD93-1475	98.0	98.0	98.0	0.0	0.00
Nickel	LCS933746	LCSD933746	96.0	0.66	97.5	2.1	3.08
Nickel	TCS933866	LCSD933866	0.66	98.0	98.5	0.7	1.02
Nickel	TCS933866	LCSD933866	98.0	98.0	98.0	0.0	00.00
Nickel	LCS933905	LCSD933905	91.0	92.0	91.5	0.7	1.09
Nickel	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	0.00
Nickel	LCS934378	. LCSD934378	0.66	97.0	98.0	1.4	2.04
Nickel	LCS934413	LCSD934413	0.06	91.0	90.5	0.7	1.10
Nickel	LCS934458	LCSD934458	95.0	93.0	94.0	1.4	2.13
Nickel	LCS934612	LCSD934612	100.0	101.0	100.5	0.7	1.00
Nickel	LCS934612	LCSD934612	0.96	97.0	96.5	0.7	1.04
Nickel	LCS934625	LCSD934625	100.0	0.66	99.5	0.7	1.01
Potassium	LCS93-1202	LCSD93-1202	94.0	95.0	94.5	0.7	1.06
Potassium	LCS93-1336	LCSD93-1336	0.96	0.96	96.0	0.0	00.00
Potassium	LCS93-1475	LCSD93-1475	98.0	97.0	97.5	0.7	1.03
Potassium	LCS933746	LCSD933746	92.0	92.0	92.0	0.0	0.00
Potassium	LCS933866	LCSD933866	0.76	98.0	97.5	0.7	1.03
Potassium	LCS933866	LCSD933866	93.0	93.0	93.0	0.0	0.00
Potassium	LCS933905	LCSD933905	95.0	94.0	94.5	0.7	1.06
Potassium	LCS933905	LCS0933905	0.68	89.0	89.0	0.0	0.00
Potassium	LCS934378	LCSD934378	92.0	93.0	92.5	0.7	1.08
Potassium	LCS934413	LCSD934413	91.0	90.0	90.5	0.7	1.10
Potassium	LCS934458	LCSD934458	91.0	93.0	92.0	1.4	2.17
Potassium	LCS934612	LCSD934612	95.0	95.0	95.0	0.0	0.00
Potassium	LCS934612	LCSD934612	0.06	97.0	96.5	0.7	1.04
Potassium	LCS934625	LCSD934625	95.0	97.0	0.96	1.4	2.08
Selenium	LCS93-1202	LCSD93-1202	97.0	99.0	98.0	1.4	2.04
Selenium	LCS93-1336	LCSD93-1336	98.0	0.66	98.5	0.7	1.02
Selenium	LCS93-1475	LCSD93-1475	93.0	97.0	95.0	2.8	4.21
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 19

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	† 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Selenium	LCS933746	LCSD933746	93.0	0.96	94.5	2.1	3.17
Selenium	LCS933866	TCSD933866	97.0	93.0	95.0	. 8	4 21
Selenium	LCS933866	LCSD933866	0.96	0.96	96.0	0.0	00.0
Selenium	LCS933905	LCSD933905	93.0	89.0	91.0	2.8	4.40
Selenium	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	00.0
Selenium	LCS934378	LCSD934378	100.0	99.0	99.5	0.7	1.01
Selenium	LCS934413	LCSD934413	0.06	91.0	90.5	0.7	1 10
Selenium	LCS934458	LCSD934458	91.0	91.0	91.0	0.0	00.0
Selenium	LCS934612	LCSD934612	94.0	95.0	94.5	0.7	1.06
Selenium	LCS934612	LCSD934612	93.0	0.96	94.5	2.1	3.17
Selenium	LCS934625	LCSD934625	0.66	100.0	99.5	0.7	1.01
Silver	LCS93-1202	LCSD93-1202	95.0	96.0	95.5	0.7	1.05
Silver	LCS93-1336	LCSD93-1336	97.0	96.0	96.5	0.7	1.04
Silver	LCS93-1475	LCSD93-1475	0.96	97.0	96.5	0.7	1.04
Silver	LCS933746	LCSD933746	94.0	94.0	94.0	0.0	0.00
Silver	LCS933866	LCSD933866	93.0	93.0	93.0	0.0	0.00
Silver	TCS933866	LCSD933866	94.0	95.0	94.5	0.7	1.06
Silver	LCS933905	LCSD933905	91.0	92.0	91.5	0.7	1.09
Silver	LCS934378	LCSD934378	93.0	93.0	93.0	0.0	0.00
Silver	LCS934413	LCSD934413	0.06	91.0	90.5	0.7	1.10
Silver	LCS934458	LCSD934458	94.0	94.0	94.0	0.0	0.00
Silver	LCS934612	LCSD934612	0.96	0.96	96.0	0.0	0.00
Silver	LCS934612	LCSD934612	95.0	96.0	95.5	0.7	1.05
Silver	LCS934625	LCSD934625	95.0	95.0	95.0	0.0	0.00
Sodium	LCS93-1202	LCSD93-1202	98.0	101.0	99.5	2.1	3.02
Sodium	LCS93~1336	LCSD93-1336	0.66	0.66	0.66	0.0	0.00
Sodium	LCS93-1475	LCSD93-1475	100.0	101.0	100.5	0.7	1.00
Sodium	LCS933746	LCSD933746	0.06	90.0	0.06	0.0	0.00
Sodium	LCS933866	LCSD933866	0.66	100.0	99.5	0.7	1.01
Sodium	LCS933866	LCSD933866	97.0	0.76	97.0	0.0	0.00
Sodium	LCS933905	LCSD933905	94.0	94.0	94.0	0.0	00.0
Sodium	LCS933905	LCSD933905	95.0	96.0	95.5	0.7	1.05
Sodium	LCS934378	LCSD934378	95.0	95.0	95.0	0.0	0.00
Sodium	LCS934413	LCSD934413	93.0	94.0	93.5	0.7	1.07
Sodium	LCS934458	LCSD934458	0.76	95.0	96.0	1.4	2.08
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 20

		Dunlicate		Dunlicate	Moon	C+ and and	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
			1	1 1 1 1 1	! ! !	1 1 1 1	*******
Sodium	LCS934612	LCSD934612	0.96	97.0	96.5	0.7	1.04
Sodium	LCS934612	LCSD934612	0.96	97.0	96.5	0.7	1.04
Sodium	LCS934625	LCSD934625	100.0	100.0	100.0	0.0	0.00
Thallium	LCS93-1202	LCSD93-1202	0.86	95.0	96.5	2.1	3.11
Thallium	LCS93-1336	LCSD93-1336	93.0	94.0	93.5	0.7	1.07
Thallium	LCS93-1475	LCSD93-1475	0.76	98.0	97.5	0.7	1.03
Thallium	LCS933746	LCSD933746	91.0	92.0	91.5	0.7	1.09
Thallium	TCS933866	TCSD933866	95.0	96.0	95.5	0.7	1.05
Thallium	LCS933866	LCSD933866	98.0	95.0	96.5	2.1	3.11
Thallium	LCS933905	LCSD933905	0.06	90.0	0.06	0.0	0.00
Thallium	LCS933905	LCSD933905	91.0	89.0	0.06	1.4	2.22
Thallium	LCS934378	LCSD934378	95.0	97.0	0.96	1.4	2.08
Thallium	LCS934413	LCSD934413	89.0	88.0	88.5	0.7	1.13
Thallium	LCS934458	LCSD934458	92.0	91.0	91.5	0.7	1.09
Thallium	LCS934612	LCSD934612	94.0	97.0	95.5	2.1	3.14
Thallium	LCS934612	LCSD934612	93.0	93.0	93.0	0.0	0.00
Thallium	LCS934625	LCSD934625	0.96	0.96	0.96	0.0	0.00
Vanadium	LCS93-1202	LCSD93-1202	0.96	97.0	96.5	0.7	1.04
Vanadium	LCS93-1336	LCSD93-1336	0.96	96.0	0.96	0.0	0.00
Vanadium	LCS93-1475	LCSD93-1475	0.86	99.0	98.5	0.7	1.02
Vanadium	LCS933746	LCSD933746	0.76	96.0	96.5	0.7	1.04
Vanadium	LCS933866	LCSD933866	0.76	98.0	97.5	0.7	1.03
Vanadium	LCS933866	LCSD933866	0.96	96.0	0.96	0.0	0.00
Vanadium	LCS933905	LCS0933905	94.0	95.0	94.5	0.7	1.06
Vanadium	LCS933905	LCSD933905	95.0	93.0	92.5	0.7	1.08
Vanadium	LCS934378	LCSD934378	0.96	0.96	96.0	0.0	0.00
Vanadium	LCS934413	LCSD934413	91.0	92.0	91.5	0.7	1.09
Vanadium	LCS934458	LCSD934458	94.0	93.0	93.5	0.7	1.07
Vanadium	LCS934612	LCSD934612	0.66	99.0	99.0	0.0	0.00
Vanadium	LCS934612	LCSD934612	0.96	96.0	96.0	0.0	0.00
Vanadium	LCS934625	LCSD934625	97.0	99.0	98.0	1.4	2.04
Zinc	LCS93-1202	LCSD93-1202	0.36	0.96	95.5	0.7	1.05
Zinc	LCS93-1336	LCSD93-1336	0.96	96.0	0.96	0.0	0.00
Zinc	LCS93-1475	LCSD93-1475	0.76	98.0	97.5	. 0.7	1.03
Zinc	LCS933746	LCSD933746	95.0	95.0	95.0	0.0	00.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 21

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Duplicate		Duplicate	Mean	Standard	
ימן מוופרפן.	sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
P	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1		1 1 1		1 1 1
Zinc	LCS933866	LCSD933866	95.0	96.0	95.5	0.7	1.05
Zinc	LCS933866	LCSD933866	96.0	96.0	0.96	0.0	00 0
Zinc	LCS933905	LCSD933905	90.0	91.0	90.5	0.7	1 10
Zinc	LCS933905	LCSD933905	89.0	90.0	89.5	0.7	1.12
Zinc	LCS934378	LCSD934378	95.0	94.0	94.5	0.7	1.15
Zinc	LCS934413	LCSD934413	86.0	87.0	86.5	0.7	1.5
Zinc	LCS934458	LCSD934458	92.0	91.0	91.5	0.7	1 09
Zinc	LCS934612	LCSD934612	93.0	96.0	94.5	2.1	3 17
Zinc	LCS934612	LCSD934612	97.0	98.0	97.5	0.7	1.03
Zinc	LCS934625	LCSD934625	97.0	97.0	97.0	0.0	0.00
Type = Matrix Spike Duplicate	plicate (mg/L)						
Aluminum	05-MW-06-03	05-MW-06-03	100.0	101.0	100.5	7 0	00
Aluminum	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	97.0	97.0	0.0	00.0
Aluminum	05-MW-15-01 MS	05-MW-15-01 MSD	98.0	0.96	97.0	) <del>-</del>	2.06
Aluminum	06-MW-07-01 MS	06-MW-07-01 MSD	96.0	96.0	0.96	0.0	00.0
Aluminum	07-MW-02-DS-03 M	07-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
Aluminum	07~SW~03~01	07-SW-03-01	98.0	98.0	98.0	0.0	0.00
Aluminum	07-SW-03-01	07-SW-03-01	100.0	100.0	100.0	0.0	0.00
Aluminum	12-MW-02-DS-03 M	12-MW-02-DS-03 M	97.0	0.66	98.0	1.4	2.04
Antimony	05-MW-06-03	05-MW-06-03	94.0	98.0	0.96	2.8	4.17
Antimony	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	95.0	94.5	0.7	1.06
Antimony	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Antimony	06-MW-07-01 MS	06-MW-07-01 MSD	87.0	0.06	88.5	2.1	3,39
Antimony	07-MW-02-DS-03 M	07-MW-02-DS-03 M	87.0	91.0	89.0	2.8	4.49
Antimony	07-SW-03-01	07-SW-03-01	98.0	0.66	98.5	0.7	1.02
Antimony		07-SW-03-01	98.0	98.0	98.0	0.0	0.00
Antimony	12-MW-02-DS-03 M	12-MW-02-DS-03 M	99.0	94.0	96.5	3.5	5.18
Arsenic	05-MW-06-03	05-MW-06-03	95.0	98.0	96.5	2.1	3.11
Arsenic	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	97.0	0.96	1.4	2 08
Arsenic	05-MW-15-01 MS	05-MW-15-01 MSD	98.0	96.0	97.0	1.4	2 06
Arsenic	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	92.0	92.5	0.7	1.08
Arsenic	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	96.0	94.5	2.1	3.17
Arsenic	07-SW-03-01	07-SW-03-01	102.0	102.0	102.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected ()	) = Data Flag				B9- 22

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 0			
Arsenic	07-SW-03-01	0/-SW-03-01	97.6	0./6	97.0	0.0	0.00
Arsenic	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Barium	05-MW-06-03	05-MW-06-03	98.0	99.0	98.5	0.7	1.02
Barium	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	95.0	94.5	0.7	1.06
Barium	05-MW-15-01 MS	05-MW-15-01 MSD	98.0	98.0	98.0	0.0	0.00
Barium	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	93.0	93.0	0.0	0.00
Barium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
Barium	07-SW-03-01	07-SW-03-01	98.0	98.0	98.0	0.0	0.00
Barium	07-SW-03-01	07-SW-03-01	100.0	100.0	100.0	0.0	0.00
Barium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	95.0	0.96	95.5	0.7	1.05
Beryllium	05-MW-06-03	05-MW-06-03	101.0	101.0	101.0	0.0	0.00
Beryllium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	0.96	95.5	0.7	1.05
Beryllium	05-MW-15-01 MS	05-MW-15-01 MSD	100.0	100.0	100.0	0.0	0.00
Beryllium	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	93.0	93.0	0.0	0.00
Beryllium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	98.0	0.66	98.5	0.7	1.02
Beryllium	07-SW-03-01	07-SW-03-01	101.0	100.0	100.5	0.7	1.00
Beryllium	07-SW-03-01	07-SW-03-01	100.0	100.0	100.0	0.0	00.00
Beryllium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
Cadmium	05-MW-06-03	05-MW-06-03	0.96	0.96	0.96	0.0	0.00
Cadmium	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	92.0	92.0	0.0	00.00
Cadmium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Cadmium	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	91.0	91.0	0.0	0.00
Cadmium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	94.0	95.0	94.5	0.7	1.06
Cadmium	07-SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	0.00
Cadmium	07-SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	0.00
Cadmium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Calcium	05-MW-06-03	05-MW-06-03	86.0	117.0	101.5	21.9	30.54
Calcium	05-MW-15-01 MS	05-MW-15-01 MSD	86.0	100.0	93.0	9.9	15.05
Calcium	05-MW-15-01 MS	05-MW-15-01 MSD	80.0	85.0	82.5	3.5	90.9
Calcium	06-MW-07-01 MS	06-MW-07-01 MSD	131.0	122.0	126.5	6.4	j.11
Calcium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	102.0	112.0	107.0	7.1	9.35
Calcium	07-SW-03-01	07-SW-03-01	125.0	129.0	127.0	2.8	3.15
Calcium	07-SW-03-01	07-SW-03-01	129.0	133.0	131.0	2.8	3.05
Calcium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	0.96	122.0	109.0	18.4	23.85
Chromium	05-MW-06-03	05-MW-06-03	0.76	98.0	97.5	0.7	1.03
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected (	() = Data Flag				89- 23

		Duplicate		Ouplicate	Mean	Standard.	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1	1 2 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Chromium	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	93.0	92.5	0.7	1.08
Chromium	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	96.0	96.5	0.7	1.04
Chromium	06-MW-07-01 MS	06-MW-07-01 MSD	0.06	91.0	90.5	0.7	1.10
Chromium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	94.0	94.0	94.0	0.0	0.00
Chromium	07-SW-03-01	07-SW-03-01	97.0	96.0	96.5	0.7	1.04
Chromium	07-SW-03-01	07-SW-03-01	97.0	98.0	97.5	0.7	1.03
Chromium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Cobalt	05-MW-06-03	05-MW-06-03	97.0	98.0	97.5	0.7	1.03
Cobalt	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Cobalt	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	91.0	91.0	0.0	0.00
Cobalt	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	88.0	88.0	0.0	0.00
Cobalt	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Cobalt	07-SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	00.00
Cobalt	07-SW-03-01	07-SW-03-01	0.96	96.0	96.0	0.0	0.00
Cobalt	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Copper	05-MW-06-03	05-MW-06-03	0.86	0.66	98.5	0.7	1.02
Copper	05-MW-15-01 MS	05-MW-15-01 MSD	0.79	97.0	97.0	0.0	00.00
Copper	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Copper	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	92.0	92.0	0.0	0.00
Copper	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.96	97.0	96.5	0.7	1.04
Copper	07-SW-03-01	07-SW-03-01	98.0	97.0	97.5	0.7	1.03
Copper	07-SW-03-01	07-SW-03-01	98.0	0.66	98.5	0.7	1.02
Copper	12-MW-02-DS-03 M	12-MW-02-DS-03 M	95.0	0.96	95.5	0.7	1.05
Iron	05-MW-06-03	05-MW-06-03	94.0	100.0	97.0	4.2	6.19
Iron	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	93.0	93.0	0.0	00.00
Iron	05-MW-15-01 MS	05-MW-15-01 MSD	0.76	96.0	96.5	0.7	1.04
Iron	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	91.0	91.0	0.0	0.00
Iron	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Iron	07-SW-03-01	07-SW-03-01	0.66	98.0	98.5	0.7	1.02
Iron	07-SW-03-01	07-SW-03-01	0.66	0.66	0.66	0.0	0.00
Iron	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Lead	05-MW-06-03	05-MW-06-03	0.76	0.66	98.0	1.4	2.04
Lead	05-MW-15-01 MS	05-MW-15-01 MSD	79.0	76.0	77.5	2.1	3.87
Lead	06-MW-07-01 MS	06-MW-07-01 MSD	95.0	92.0	92.0	0.0	0.00
Lead	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	93.0	94.0	1.4	2.13
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				RO- 24
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		Dunlicate		Dunlicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
			1 1 1 1	1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1
Lead	07-SW-03-01	07-SW-03-01	98.0	98.0	98.0	0.0	00.00
Lead	07-SW-03-01	07-SW-03-01	95.0	96.0	95.5	0.7	1.05
Lead	12-MW-02-DS-03 M	12-MW-02-DS-03 M	95.0	94.0	94.5	0.7	1.06
Magnesium	05-MW-06-03	05-MW-06-03	0.96	103.0	99.5	4.9	7.04
Magnesium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	92.0	92.5	0.7	1.08
Magnesium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	0.96	94.5	2.1	3.17
Magnesium	06-MW-07-01 MS	06-MW-07-01 MSD	105.0	102.0	103.5	2.1	2.90
Magnesium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	102.0	112.0	107.0	7.1	9.35
Magnesium	07-SW-03-01	07-SW-03-01	114.0	117.0	115.5	2.1	2.60
Magnesium	07-SW-03-01	07-SW-03-01	113.0	115.0	114.0	1.4	1.75
Magnesium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	0.96	101.0	98.5	3.5	5.08
Manganese	05-MW-06-03	05-MW-06-03	94.0	101.0	97.5	4.9	7.18
Manganese	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	92.0	91.5	0.7	1.09
Manganese	05-MW-15-01 MS	05-MW-15-01 MSD	89.0	92.0	90.5	2.1	3.31
Manganese	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	92.0	92.0	0.0	0.00
Manganese	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Manganese	07-SW-03-01	07-SW-03-01	97.0	97.0	97.0	0.0	0.00
Manganese	07-SW-03-01	07-SW-03-01	97.0	97.0	97.0	0.0	0.00
Manganese	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Molybdenum	05-MW-06-03	05-MW-06-03	0.96	0.96	0.96	0.0	00.00
Molybdenum	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	92.0	92.0	0.0	00.00
Molybdenum	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	91.0	91.0	0.0	00.00
Molybdenum	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	89.0	88.5	0.7	1.13
Molybdenum	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Molybdenum	07-SW-03-01	07-SW-03-01	94.0	94.0	94.0	0.0	00.00
Molybdenum	07-SW-03-01	07-SW-03-01	0.96	97.0	96.5	0.7	1.04
Molybdenum	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	92.0	92.0	0.0	00.00
Nickel	05-MW-06-03	05-MW-06-03	97.0	96.0	96.5	0.7	1.04
Nickel	05-MW-15-01 MS	05-MW-15-01 MSD	0.96	95.0	95.5	0.7	1.05
Nickel	05-MW-15-01 MS	05-MW-15-01 MSD	92.0	93.0	92.5	0.7	1.08
Nickel	06-MW-07-01 MS	06-MW-07-01 MSD	89.0	90.0	89.5	0.7	1.12
Nickel	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	95.0	94.0	1.4	2.13
Nickel	07-SW-03-01	07-SW-03-01	96.0	97.0	96.5	0.7	1.04
Nickel	07-SW-03-01	07-SW-03-01	97.0	97.0	97.0	0.0	00.00
Nickel	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 25

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1 1 1		1 1 1 1 1 1 1	1 1 1
Potassium	05-MW-06-03	05-MW-06-03	98.0	103.0	100.5	3.5	4.98
Potassium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Potassium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Potassium	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	93.0	92.5	0.7	1.08
Potassium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	98.0	98.0	98.0	0.0	0.00
Potassium	07-SW-03-01	07-SW-03-01	102.0	102.0	102.0	0.0	00.00
Potassium	07~SW-03-01	07-SW-03-01	94.0	94.0	94.0	0.0	0.00
Potassium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	96.0	0.96	96.0	0.0	0.00
Selenium	05-MW-06-03	05-MW-06-03	0.96	96.0	96.0	0.0	0.00
Selenium	05-MW-15-01 MS	05-MW-15-01 MSD	86.0	93.0	89.5	4.9	7.82
Selenium	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	92.0	94.5	3.5	5.29
Selenium	06-MW-07-01 MS	06-MW-07-01 MSD	89.0	88.0	88.5	0.7	1.13
Selenium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	92.0	97.0	94.5	3.5	5.29
Selenium	07-SW-03-01	07-SW-03-01	97.0	95.0	0.96	1.4	2.08
Selenium	07-SW-03-01	07-SW-03-01	96.0	95.0	95.5	0.7	1.05
Selenium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	89.0	91.0	90.0	1.4	2.22
Silver	05-MW-06-03	05-MW-06-03	97.0	98.0	97.5	0.7	1.03
Silver	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	94.0	94.0	0.0	0.00
Silver	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	94.0	94.5	0.7	1.06
Silver	06-MW-07-01 MS	06-MW-07-01 MSD	93.0	93.0	93.0	0.0	0.00
Silver	07-MW-02-DS-03 M	07-MW-02-DS-03 M	94.0	95.0	94.5	0.7	1.06
Silver	07-SW-03-01	07-SW-03-01	93.0	93.0	93.0	0.0	0.00
Silver	07-SW-03-01	07-SW-03-01	0.96	0.96	96.0	0.0	0.00
Silver	12-MW-02-DS-03 M	12-MW-02-DS-03 M	94.0	95.0	94.5	0.7	1.06
Sodium	05-MW-06-03	05-MW-06-03	100.0	102.0	101.0	1.4	1.98
Sodium	05-MW-15-01 MS	05-MW-15-01 MSD	96.0	95.0	95.5	0.7	1.05
Sodium	05-MW-15-01 MS	05-MW-15-01 MSD	95.0	0.96	95.5	0.7	1.05
Sodium	06-MW-07-01 MS	06-MW-07-01 MSD	98.0	97.0	97.5	0.7	1.03
Sodium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	102.0	107.0	104.5	3.5	4.78
Sodium	07-SW-03-01	07-SW-03-01	173.0	189.0	181.0	11.3	8.84
Sodium	07-SW-03-01	07-SW-03-01	178.0	187.0	182.5	6.4	4.93
Sodium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	98.0	100.0	99.0	1.4	2.02
Thallium	05-MW-06-03	05-MW-06-03	94.0	97.0	95.5	2.1	3.14
Thallium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	93.0	93.0	0.0	0.00
Thallium	05-MW-15-01 MS	05-MW-15-01 MSD	0.06	87.0	88.5	2.1	3.39

() = Data Flag

ND = Not Detected

NC = Not Calculable

Compiled: 10 May 1994

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

Parameter  Thallium	Sample ID						
Thallium		Sample ID	Value	Value	Value	Deviation	RPD (%)
-	06-MW-07-01 MS	06-MW-07-01 MSD	87.0	88.0	87.5	0.7	1.14
Thallium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	92.0	97.0	94.5	3.5	5,29
Thallium	07-SW-03-01	07-SW-03-01	97.0	98.0	97.5	0.7	1.03
Thallium	07-SW-03-01	07-SW-03-01	96.0	91.0	93.5	3.5	5.35
Thallium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	91.0	92.0	91.5	0.7	1.09
Vanadium	05-MW-06-03	05-MW-06-03	98.0	99.0	98.5	0.7	1.02
Vanadium	05-MW-15-01 MS	05-MW-15-01 MSD	97.0	97.0	97.0	0.0	00.00
Vanadium	05-MW-15-01 MS	05-MW-15-01 MSD	93.0	94.0	93.5	0.7	1.07
Vanadium	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	92.0	91.5	0.7	1.09
Vanadium	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	0.96	95.5	0.7	1.05
Vanadium	07-SW-03-01	07-SW-03-01	97.0	96.0	96.5	0.7	1.04
Vanadium	07~SW-03-01	07-SW-03-01	0.66	0.66	0.66	0.0	0.00
Vanadium	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	94.0	93.5	0.7	1.07
Zinc	05-MW-06-03	05-MW-06-03	0.96	96.0	96.0	0.0	00.00
Zinc	05-MW-15-01 MS	05-MW-15-01 MSD	91.0	91.0	91.0	0.0	0.00
Zinc	05-MW-15-01 MS	05-MW-15-01 MSD	94.0	93.0	93.5	0.7	1.07
Zinc	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	89.0	88.5	. 0.7	1.13
Zinc	07-MW-02-DS-03 M	07-MW-02-DS-03 M	93.0	93.0	93.0	0.0	0.00
Zinc	07-SW-03-01	07-SW-03-01	0.96	95.0	95.5	0.7	1.05
Zinc	07~SW-03-01	07-SW-03-01	95.0	95.0	95.0	0.0	00.00
Zinc	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Method = SW7060 - Arsenic	o						
Type = Analytical Dup	p (mg/L)						
Arsenic	05-MW-05-03	05-MW-05-03	0.034	0.025	0.0	0.0	29.85
Arsenic	05-MW-15-01	05-MW-15-01	<0.000657 (J)	< 0.0033 (J)		NC	S
Arsenic	07-SW-03-01	07-SW-03-01	0.0024	< 0.0026 (J)	NC	S	SC
Arsenic	09-MM-06-03	09-MW-06-03	<0.000657 (J)	< 0.0026 (J)	NC	S	SC
Type = Field Duplicate (mg/L)	e (mg/L)						
Arsenic	05-MW-03-03	05-MW-03-DS-03	0.0037	0.011	0.0	0.0	96.50
Arsenic	05-MW-14-01	05-MW-14-DS-01	<0.000984 (J)	< 0.049 (J)	NC	NC	NC

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		!!!	1 1 1 1			
Arsenic	06-MW-07-01	06-MW-07-DS-01	0.013	0.000700	0	c	170 86
Arsenic	07-MW-02-03	07-MW-02-DS-03	0,0078	0.0084			7 41
Arsenic	12-MW-02-03	12-MW-02-DS-03	<0.000650 (J)	<0.000650 (J)	S.S	N.S	NC .4
Type = Laboratory Control Duplicate (mg/L)	ol Duplicate (mg/L)						
Arsenic	LCS931407	LCS931407	80	o o	o o	c	c
Arsenic	LCS933453	LCS933453	106.0	106.0	30.0	0.0	0.00
Arsenic	LCS934624	LCS934625	0.88	87.0	0.001	) ·	0.00
Arsenic	LCS931476	LCSD91476	95.0	95.0	95.0	<del>1</del> C	/7.7
Arsenic	LCS931513	LCSD931513	97.0	94.0	95.5	5.5	9.0
Arsenic	LCS934459	LCSD932659	99.0	0.66	0.66	0.0	1000
Arsenic	LCS933865	LCSD933865	104.0	100.0	102.0	8. 8	3 92
Arsenic	LCS934377	LCSD934377	102.0	101.0	101.5	0.7	00.0
Arsenic	LCS934611	LCSD934611	105.0	101.0	103.0	2.8	3.88
Arsenic	05-MW-05-03 MS	05-MW-05-03 MSD	115.0	113.0	114.0	1.4	1
	SE SO-CO-MIL-CO	US-WW-US-U3 WSD	115.0	113.0	114.0	1.4	1.75
Arsenic	05-MW-15-01 MS	05-MW-15-01 MSD	114.0	114.0	114.0	0.0	00.0
Arsenic	06-MW-07-01 MS	06-MW-07-01 MSD	78.0	79.0	78.5	0.7	1 27
Arsenic	07-MW-02-DS-03 M	07-MW-02-DS-03 M	105.0	103.0	104.0	4	1 92
Arsenic	07-SW-03-01 MS	07-SW-03-01 MSD	121.0	122.0	121.5	7 0	20.1
Arsenic	09-MW-06-03 MS	09-MW-06-03 MSD	108.0	106.0	107 0		1 97
Arsenic	12-MW-02-DS-03 M	12-MW-02-DS-03 M	110.0	111.0	110.5	0.7	0.90
Method = SW7421 - Lead							
Type = Analytical Dup (mg/L)	(mg/L)						
Lead	05-MW-05-03	05-MW-05-03	0.014	0.016	c	c	01
Lead	06-MW-07-01	06-MW-07-01	0.0030 (B)	0 010 (B)	0.0		19.40
Lead	07-SW-03-01	07-SW-03-01	_	_	) )	0.0	100.00
Lead	09-MW-06-03	09-MW-06-03		0.0044	N S	NC NC	§ 8
Compiled: 10 New 1004	LITE OF THE OWN		- 1				
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	-	Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Type = Field Duplicate (mg/L)	mg/L)						
Lead	05-MW-03-03	05-MW-03-DS-03	0.0023 (B)	0.0025 (8)	0.0	0.0	8.33
Lead	05-MW-14-01	05-MW-14-DS-01		_	NC NC	S	S
Lead	06-MW-07-01	06-MW-07-DS-01	0.0030 (B)	0.0020 (8)	0.0	0.0	40.00
Lead	07-MW-02-03	07-MW-02-DS-03	0.011		0.0	0.0	0.93
Lead	07-MW-02-DS-03	07-MW-02-DS-03	0.011	< 0.0044 (J)	NC	NC	SC
Lead	12-MW-02-03	12-MW-02-DS-03	0.051	0.0085	0.0	0.0	142.95
Type = Laboratory Control Duplicate (mg/L)	l Duplicate (mg/L)						
Lead	LCS932272	LCS932272	103.0	102.0	102.5	0.7	0.98
Lead	LCS933453	LCS933453	103.0	104.0	103.5	0.7	0.97
Lead	LCS934377	LCS934377	98.0	100.0	99.0	1.4	2.02
Lead	LCS934377	LCS934377	100.0	102.0	101.0	1.4	1.98
Lead	LCS931407	LCSD91407	104.0	96.0	100.0	5.7	8.00
Lead	LCS931513	LCSD931513	104.0	101.0	102.5	2.1	2.93
Lead	LCS933865	LCSD933865	0.96	96.0	96.0	0.0	0.00
Lead	LCS934459	LCSD934459	98.0	100.0	0.66	1.4	2.02
Lead	LCS934611	LCSD934611	98.0	94.0	96.0	2.8	4.17
Lead	LCS934919	LCSD934919	0.86	98.0	98.0	0.0	0.00
Type = Matrix Spike Duplicate	icate (mg/L)						
Lead	05-MW-05-03 MS	05-MW-05-03 MSD	86.0	86.0	86.0	0.0	0.00
Lead	05-MW-15-01 MS	05-MW-15-01 MSD	76.0	138.0	107.0	43.8	57.94
Lead	06-MW-07-01 MS	06-MW-07-01 MSD	88.0	90.0	89.0	1.4	2.25
Lead	07-MW-02-DS-03 M	07-MW-02-DS-03 M	83.0	82.0	82.5	0.7	1.21
Lead	07-SW-03-01 MS	07-SW-03-01 MSD	86.0	89.0	87.5	2.1	3.43
Lead	09-MW-06-03 MS	09-MW-06-03 MSD	0.96	105.0	100.5	6.4	8.96
Lead	12-MW-02-DS-03 M	12-MW-02-DS-03 M	108.0	91.0	99.5	12.0	17.09
Method = SW7470 - Mercury							
Type = Analytical Dup	(mg/L)						
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 29

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Mercury	07-MW-04-03	07-MW-04-03	<0.000048 (1)	<0.000240 (.1)	Z	Z	C
Mercury	12-MW-01-03	12-MW-01-03			NC NC	NC SC	S
Type = Field Duplicate (mg/L)	(mg/L)						
Mercury	05-MW-03-03	05-MW-03-DS-03	<0.000048 (3)	<0.000048 (3)	S	JN	Ü
Mercury	05-MW-14-DS-01	05-MW-14-DS-01		_	<u> </u>	<u> </u>	2 ≥
Mercury	05-MW-14-01	05-MW-14-DS-01	<0.000048 (J)	<0.000048 (J)	NC	NC	NC
Mercury	06-MW-07-01	06-MW-07-DS-01	_	<0.000048 (J)	NC	NC	NC
Mercury	07-MW-02-03	07-MW-02-DS-03		<0.000048 (J)	NC	NC	NC
Mercury	12-MW-02-03	12-MW-02-DS-03	<0.000048 (J)	<0.000048 (J)	NC	NC	NC
Type = Equipment Blank Duplicate (mg/L)	Ouplicate (mg/L)						
Mercury	07-SD-07-EB-01	07-SD-07-EB-01	<0.000048 (J)	<0.000240 (J)	SN	Ŋ	Z
Mercury	LCS931248	LCS931248			105.0	1.4	1.90
Mercury	LCS931342	LCS931342	105.0	103.0	104.0	1.4	1.92
Mercury	LCS931488	LCS931488	105.0	111.0	108.0	4.2	5,56
Mercury	LCS931488	LCS931488	105.0	111.0	108.0	4.2	5.56
Mercury	LCS931658	LCS931658	109.0	105.0	107.0	2.8	3.74
Mercury	LCS933547	LCS933547	109.0	109.0	109.0	0.0	00.00
Mercury 	LCS933808	LCS933808	103.0	102.0	102.5	0.7	0.98
Mercury	LCS934030	LCS934030	102.0	103.0	102.5	0.7	0.98
Mercury	LCS934373	LCS934373	104.0	102.0	103.0	1.4	1.94
mercury	LC5934/35	LCS934735	102.0	105.0	103.5	2.1	2.90
Type = Matrix Spike Duplicate (mg/L)	licate (mg/L)						
Mercury	06-MW-07-01 MS	06-MW-07-01 MSD	92.0	100.0	96.0	5.7	8.33
Mercury	07-MW-02-DS-03 M	07-MW-02-DS-03 M	92.0	93.0	92.5	0.7	1.08
Mercury	07-SW-03-01 MS	07-SW-03-01 MSD	94.0	100.0	97.0	4.2	6.19
Mercury	09-MW-01-03 MS	09-MW-01-03 MSD	93.0	96.0	94.5	2.1	3.17
Mercury	09-MW-01-03 MS	09-MW-01-03 MSD	93.0	96.0	94.5	2.1	3.17
Mercury	12-MW-02-DS-03 M	12-MW-02-DS-03 M	0.96	0.96	96.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 30
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Dup (mg/L)  Dup (mg/L)  De (mg/L)  Set Mu-15-01  De (mg/L)  Set Mu-15-03  Set Mu-15-03	Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Dup (mg/L)  05-NM-05-03  05-NM-	lethod = SW7740 - Selenium							
0G-WW-105-03 0G-WW-05-03 < 0.0014 (J) < 0.0058 (J) NC NC NC NC NC NC OF-WW-15-01 < 0.00043 (J) < 0.0058 (J) NC		(mg/L)						
C5-WW-15-01   O5-WW-15-01   <0.00043 (1) < 0.0042 (4)   NC	Selenium	05-MW-05-03	05-MW-05-03	0.0014	0.0058	NC	S	SC
07-NM-04-03   07-NM-04-03   0.0058   (1)   NC   NC   NC   NC   NC   NC   NC   N	Selenium	05-MW-15-01	05-MW-15-01	_	0.0042	NC	NC	NC
O'-SW-03-01   O'-SW-03-01   C-0.00044 (J)   C-0.0034 (J)   NC   NC   NC   NC   NC   NC   NC   N	Selenium	07-MW-04-03	07-MW-04-03	_	0.0058	NC	SC	S
DG-MM-05-03   DG-MM-05-03   C 0.0014 (J)   C 0.0056 (J)   NC   NC	Selenium	07-SW-03-01	07-SW-03-01	_	0.0034	NC	NC	NC
Control Duplicate   mg/L    CSS34624   CSS34459   CSS344559   CSS34454   CSS34454   CSS34454   CSS34454   CSS34454   CSS344459   CSS34454   CSS34451   CSS34454   CSS34451   CSS34454   CSS34451   CSS34454   CSS34454   CSS34451   CSS34454   CSS34451   CSS34451   CSS34454   CSS34451   CSS34451   CSS34454   CSS34451   CSS34451   CSS34454   CSS34451   CSS34451   CSS34451   CSS34451   CSS34454   CSS34451   C	Selenium	09-MW-06-03	09-MW-06-03	0.0014	0.0058	NC	NC	NC
O5-MM-03-03   O5-MM-03-05-03   C 0.0014 (J)   C 0.0014 (J)   NC   NC   NC   O5-MM-14-01   O5-MM-14-01   O5-MM-14-01   O5-MM-14-01   O5-MM-14-01   O5-MM-14-01   O5-MM-14-01   O5-MM-02-03   O5-MM-14-01   O5-MM-02-03   O5-MM-02-05-03   O5-MM-02-03	Type = Field Duplicate (	mg/L)						
O5-MW-14-01   O5-MW-14-DS-01   <-0.000843 (J)   NC   NC   NC   O5-MW-14-02-03   O7-MW-20-DS-03   O7-MW-02-DS-03   O7-MW-02-	Selenium	05-MW-03-03	05-MW-03-DS-03	0.0014	0.0014	NC	NC	NC
Control Duplicate (mg/L)	Selenium	05-MW-14-01	05-MW-14-DS-01	_		NC	SC	S
Control Duplicate (mg/L)	Selenium	06-MW-07-01	06-MW-07-DS-01	0.0017		NC	SC	S
12-MM-02-03   12-MM-02-05-03   0.0057 (5F)   0.0043 (5F)   0.004   0.0   0.0     Control Duplicate (mg/L)   12-MM-02-05-03   0.0057 (5F)   0.0043 (5F)   0.00   0.0   0.0     Cossa1407	Selenium	07-MW-02-03	07-MW-02-DS-03	_	0.0014	NC	NC	S
Control Duplicate (mg/L)	Selenium	12-MW-02-03	12-MW-02-DS-03	_		0.0	0.0	28.92
CS934624   CS934624   94.0   93.0   93.5   0.7     CS931407   CS0931407   96.0   99.0   97.5   2.1     CS931407   CS0931407   95.0   99.0   97.5   2.1     CS931407   CS0931407   96.0   99.0   96.5   2.1     CS931407   CS931407   96.0   97.0   96.5   0.7     CS931407   CS931407   82.0   85.0   83.5   2.1     CS931476   CS933476   91.0   86.0   88.5   3.5     CS933453   CS933453   CS993453   91.0   93.0   97.0   0.0     CS933453   CS993453   CS993465   97.0   97.0   97.0   97.0     CS933454   CS933455   CS993455   101.0   99.0   100.0   1.4     CS93454   CS934459   CS993451   100.0   102.0   101.0   1.4     CS9346   CS93461   CS93461   100.0   102.0   101.0   1.4     CS9346   CS93461   C	Type = Laboratory Contro	ا Duplicate (mg/L)						
LCS931407         LCS9931407         96.0         99.0         97.5         2.1           LCS931407         LCS931407         95.0         98.0         96.5         2.1           LCS931407         LCS931407         96.0         97.0         96.5         2.1           LCS931407         LCS931407         82.0         83.5         2.1           LCS931476         LCS931476         82.0         80.0         2.8           LCS931513         LCS931476         82.0         80.0         2.8           LCS933453         LCS933453         91.0         93.0         92.0         1.4           LCS933453         LCS933453         97.0         97.0         97.0         97.0         97.0         0.0           LCS933459         LCS934459         LCS934459         101.0         99.0         100.0         1.4           LCS934611         LCS934611         100.0         102.0         101.0         1.4           NC = Not Calculable         ND = Not Detected         () = Data Flag         89.0         97.5         0.7	Selenium	LCS934624	LCS934624	94.0	93.0	93.5	0.7	1.07
CS931407	Selenium	LCS931407	LCSD931407	0.96	0.66	97.5	2.1	3.08
LCS931407 LCSD931407 96.0 97.0 96.5 0.7 CCS9314376 LCSD9314376 82.0 85.0 83.5 2.1 CCS9314376 RCSD931476 82.0 82.0 83.5 2.1 CCSD931476 RCSD931476 RCSD931476 RCSD931513 RCSD931513 86.0 86.0 86.0 88.5 3.5 CCSD931513 LCSD933453 91.0 93.0 92.0 1.4 CCSD933865 97.0 97.0 97.0 97.0 97.0 0.0 CCSD933865 PCSD933865 PCS	Selenium	LCS931407	LCSD931407	95.0	98.0	96.5	2.1	3.11
LCS9314376 LCSD931476 82.0 85.0 83.5 2.1 LCS931476 LCSD931476 78.0 82.0 80.0 2.8 LCS931513 LCSD931513 91.0 86.0 88.5 3.5 LCS933453 LCSD933453 91.0 93.0 92.0 1.4 LCS933865 LCSD933457 97.0 97.0 97.0 97.0 100.0 LCS93459 LCSD93457 97.0 99.0 100.0 1.4 LCS934459 LCSD93451 100.0 102.0 100.0 1.4 LCS934611 LCSD934611 100.0 102.0 101.0 100.0 1.4  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS931407	LCSD931407	0.96	97.0	96.5	0.7	1.04
LCS931476 LCSD931476 78.0 82.0 80.0 2.8 LCS931513 LCSD931513 91.0 86.0 88.5 3.5 LCS933453 LCSD933453 91.0 93.0 92.0 1.4 LCS933865 LCSD933865 97.0 97.0 97.0 0.0 LCS934377 LCSD93459 101.0 99.0 100.0 1.4 LCS93451 LCSD93451 100.0 102.0 101.0 1.4 LCS934611 LCSD934611 100.0 102.0 101.0 1.4  E Duplicate (mg/L)  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS9314376	LCSD931476	82.0	85.0	83.5	2.1	3.59
LCS931513 LCSD931513 91.0 86.0 88.5 3.5 LCS933453 91.0 93.0 92.0 1.4 LCS933865 97.0 97.0 97.0 97.0 0.0 LCS934377 LCSD934377 97.0 98.0 97.5 0.7 LCS93459 LCSD93459 101.0 99.0 100.0 1.4 LCS934611 LCSD934611 100.0 102.0 101.0 1.4  E Duplicate (mg/L)  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS931476	LCSD931476	78.0	82.0	80.0	2.8	5.00
LCS93453 LCSD93453 91.0 93.0 92.0 1.4 LCS933865 LCSD93865 97.0 97.0 97.0 0.0 LCS934377 LCSD934377 97.0 97.0 98.0 97.5 0.7 LCS934459 LCSD934459 101.0 99.0 100.0 1.4 LCS934611 LCSD934611 100.0 102.0 101.0 1.4  E Duplicate (mg/L)  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS931513	LCSD931513	91.0	86.0	88.5	3.5	5.65
LCS933865 LCSD933865 97.0 97.0 0.0 LCS934377 LCSD934377 97.0 98.0 97.5 0.7 LCS934459 LCSD934459 101.0 99.0 100.0 1.4 LCS934611 LCSD934611 100.0 102.0 101.0 1.4  E Duplicate (mg/L)  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS933453	LCSD933453	91.0	93.0	92.0	1.4	2.17
LCS934377 LCSD934377 97.0 98.0 97.5 0.7 LCS934459 LCSD934459 101.0 99.0 100.0 1.4 LCS934611 LCSD934611 100.0 102.0 101.0 1.4  E Duplicate (mg/L)  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS933865	LCSD933865	97.0	97.0	97.0	0.0	0.00
LCS93459 LCSD93459 101.0 99.0 100.0 1.4  LCS934611 LCSD934611 100.0 102.0 101.0 1.4  e Duplicate (mg/L)  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS934377	LCSD934377	97.0	98.0	97.5	0.7	1.03
LCS934611	Selenium	LCS934459	LCSD934459	101.0	0.66	100.0	1.4	2.00
e Duplicate (mg/L)  NC = Not Calculable ND = Not Detected () = Data Flag	Selenium	LCS934611	LCSD934611	100.0	102.0	101.0	1.4	1.98
NC = Not Calculable ND = Not Detected () = Data Flag	Type = Matrix Spike Dupl	icate (mg/L)						
	Compiled: 10 May 1994		ND = Not Detected					B9- 31

		Duplicate			Duplicate	ıte	Mean	Standard	
Parameter	Sample ID	Sample ID	Value		Value		Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	!			(2)
Selenium	05-MW-05-03 MS	05-MW-05-03 MSD	79.0		76.0	0	77.5	2.1	3.87
Selenium	05-MW-15-01 MS	05-MW-15-01 MSD	87.0		86.0	0	86.5	0.7	1.16
Selenium	06-MW-07-01 MS	06-MW-07-01 MSD	93.0		90.0	0	91.5	2.1	3.28
Selenium	07-SW-03-01 MS	07-SW-03-01 MSD	0.66		100.0	0	99.5	0.7	1.01
Selenium	09-MW-06-03 MS	09-MW-06-03 MSD	98.0		94.0	0	0.96	2.8	4.17
Selenium	09-MW-06-03 MS	09-MW-06-03 MSD	88.0		87.0	0	87.5	0.7	1.14
Method = SW8010 - Halogenated Volatile Organics	Volatile Organics				٠				
Type = Field Duplicate (ug/L)	(1)								
1,1,1,2~Tetrachloroethane	02-GW-03-03	02-GW-03-DS-03	< 0.040	(5)	_	QN	NC	N.	NC
1,1,1,2-Tetrachloroethane	05-MW-03-03	05-MW-03-DS-03	ON		< 0.040	0 (J)	NC NC	NC N	) N
1,1,1,2-Tetrachloroethane	05-MW-14-01	05-MW-14-DS-01	ND		-	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	06-MW-07-01	06-MW-07-DS-01	QN		~	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	07-MW-02-03	07-MW-02-DS-03	QN		~	ND	NC	NC	NC
1,1,1,2-Tetrachloroethane	08-SW-01-01	08-SW-01-DS-01	ON		~	QN	NC	NC	NC
1,1,1,2-Tetrachloroethane	12-MW-02-03	12-MW-02-DS-03	< 0.040	(5)	~	ND	NC	NC	NC
1,1,1-Trichloroethane	02-GW-03-03	02-GW-03-DS-03		(7)	~	UD	NC	NC	NC
1,1,1-Trichloroethane	05-MW-03-03	05-MW-03-DS-03	< 0.092	(7)	~	ON	NC	NC	NC
1,1,1-Trichloroethane	05-MW-14-01	05-MW-14-DS-01	0.36		2	ON	NC	NC C	NC
1,1,1-Trichloroethane	06-MW-07-01	06-MW-07-DS-01	ON		~	ND	NC	NC	NC
1,1,1-Trichloroethane	08-SW-01-01	08-SW-01-DS-01	< 0.14	(2)	< 0.14		NC	NC	NC
1,1,1-frichloroethane	12-MW-02-03	12-MW-02-DS-03	QN		Z	ND (K)	NC	NC	NC
1,1,2,2-letrachloroethane	02-GW-03-03	02-GW-03-DS-03	Q.		Z	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	05-MW-03-03	05-MW-03-DS-03	0.22		0.22	2	0.2	0.1	0.46
1,1,2,2-Tetrachloroethane	05-MW-14-01	05-MW-14-DS-01	QN		Z	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	06-MW-07-01	06-MW-07-DS-01	< 0.13	(5)	Z	QN	NC	NC	NC
1,1,2,2-Tetrachloroethane	07-MW-02-03	07-MW-02-DS-03	QN		z	ND	NC	NC	NC
1,1,2,2-Tetrachloroethane	08-SW-01-01	08-SW-01-DS-01	QN		Z	QN ON	NC	NC	NC
1,1,2,2-Tetrachloroethane	12-MW-02-03	12-MW-02-DS-03	ON		z	ON	NC	NC	NC
1,1,2-Trichloroethane	02-GW-03-03	02-GW-03-DS-03	ON		Z	QN	NC .	NC	NC NC
1,1,2-Trichloroethane	05-MW-03-03	05-MW-03-DS-03	ON		2	ON	NC	NC	NC
1,1,2-Trichloroethane	05-MW-14-01	05-MW-14-DS-01	ND		z	ON	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag						B9- 32
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 2-Trichloroethane	06-MW-07-01	06-MW-07-03-01	S	CZ	! Z		
1 0 Taich 0000 thous	07-MV-03-03	20 -30 -60 -FM-20	9	2 5	2 4	2 2	2 2
1,1,2-11 10ff101 0etilalie	07 - 114 - 02 - 03	50-50-70-70 50-50-70-70		2 9	۽ ڇ	<u> </u>	2 2
T, T, Z-1 F1 GN1 OF OE LINAME	TO-TO-MC-OO	TD-50-TD-M5-90	2 :	2	2	Ę	٤
1,1,2-Trichloroethane	12-MW-02-03	12-MW-02-DS-03	QN	Q	S	S	S
1,1-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	QN .	Q	NC	NC	NC
1,1-Dichloroethane	05-MW-03-03	05-MW-03-DS-03	< 0.048 (J)	< 0.048 (J)	NC	SC	NC
1,1-Dichloroethane	05-MW-14-01	05-MW-14-DS-01	QN	N _O	S	SC	SC
1,1-Dichloroethane	06-MW-07-01	06-MW-07-DS-01	ON	QN	NC	NC	SC
1,1-Dichloroethane	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC	SN SN
1,1-Dichloroethane	08-SW-01-01	08-SW-01-DS-01	ON.	ON	NC	NC	SC
1,1-Dichloroethane	12-MW-02-03	12-MW-02-DS-03	QN	NO	NC	NC	NC
1,1-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	ON	ON.	NC	NC	NC
1,1-Dichloroethene	05-MW-03-03	05-MW-03-DS-03	QN	QN	SC	S	S
1,1-Dichloroethene	05-MW-14-01	05-MW-14-DS-01	QN	Q.	S	S	SC
1,1-Dichloroethene	06-MW-07-01	06-MW-07-DS-01	Q	QN	NC	S	NC C
1,1-Dichloroethene	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	Š	NC
1,1-Dichloroethene	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	Š	SC
1,1-Dichloroethene	12-MW-02-03	12-MW-02-DS-03	QN	N N	NC	Ş	NC
1,2,3-Trichloropropane	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	S	NC
1,2,3-Trichloropropane	05-MW-03-03	05-MW-03-DS-03	QV	QN	NC	S	NC
1,2,3-Trichloropropane	05-MW-14-01	05-MW-14-DS-01	ON	ND	NC	S	NC
1,2,3-Trichloropropane	06-MW-07-01	06~MW-07-DS-01	QN	QN	NC	NC	NC
1,2,3-Trichloropropane	07-MW-02-03	07-MW-02-DS-03	ND (K)	QN	NC	NC	NC
1,2,3-Trichloropropane	08-SW-01-01	08-SW-01-DS-01	ON	Q	NC	NC	NC
1,2,3-Trichloropropane	12-MW-02-03	12-MW-02-DS-03	ON	QN	SC	SC	NC
1,2-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	QN	ON	NC	NC	NC
1,2-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	< 0.17 (J)	< 0.17 (J)	NC	NC	NC
1,2-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN	ND	NC	NC	NC
1,2-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ON	QN	NC	S	NC
1,2-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ON	Q	NC	NC NC	NC
1,2-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	SC	NC
1,2-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	NC	NC
1,2-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	NC	NC
1,2-Dichloroethane	05-MW-03-03	05-MW-03-DS-03	< 0.054 (J)	< 0.054 (J)	N	NC	NC
1,2-Dichloroethane	05-MW-14-01	.05-MW-14-DS-01	ON	QN	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 33

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1	1 1 1 1 1 1		1 1 1 1	1 1 1 1 1 1 1	1	1	
1,2-Dichloroethane	06-MW-07-01	06~MW-07-DS-01	ON	Q	NC	NC	Ŋ.
1,2-Dichloroethane	07-MW-02-03	07-MW-02-DS-03	ON	QN.	2	2	S Z
1,2-Dichloroethane	08-SW-01-01	08-SW-01-DS-01	ON	S	2	)     	2 2
1,2-Dichloroethane	12-MW-02-03	12-MW-02-DS-03	ON	< 0.054 (KJ)	2	2	2
1,2-Dichloropropane	02-GW-03-03	02-GW-03-DS-03	Q.	ON	NC	N N	Z Z
1,2-Dichloropropane	05-MW-03-03	05-MW-03-DS-03	ON	QN	2	N N	<u> </u>
1,2-Dichloropropane	05-MW-14-01	05-MW-14-DS-01	ON	QN	SN	2	O N
1,2-Dichloropropane	06-MW-07-01	06-MW-07-DS-01	ON	QN	S	N S	<u> </u>
1,2-Dichloropropane	07-MW-02-03	07-MW-02-DS-03	QN	ON	NC N	NC NC	2 2
1,2-Dichloropropane	08-SW-01-01	08-SW-01-DS-01	QN	N	NC	NC NC	
1,2-Dichloropropane	12-MW-02-03	12-MW-02-DS-03	QN	N	. S	S S	S S
1,3-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	ON	ND	2	N.	2 2
1,3-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	NC	N N
1,3-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN	, ON	NC NC	NC	. Z
1,3-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	QN	QN	NC	NC NC	. NC
1,3-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC N	<u> 2</u>
1,3-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ON	ND	NC	NC	. Q
1,3-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ND	QN	NC	NC	2
1,4-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	SC	NC NC
1,4-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ON	QN	SN	2	S S
1,4-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN	ON	NC	NC NC	2
1,4-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ON.	ND	NC	SC	S
1,4-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	2	2
1,4-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	NC	N N
1,4-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC	S
1-Chlorohexane	02-GW-03-03	02-GW-03-DS-03	ON	ON	S	N	NC
1-Chlorohexane	05-MW-03-03	05-MW-03-DS-03	< 0.12 (J)	< 0.12 (J)	S	S	NC
1-Chlorohexane	05-MW-14-01	05-MW-14-DS-01	ON	QN	S	S	NC NC
1-Chlorohexane	06-MW-07-01	06-MW-07-DS-01	ON	QN	NC	S	. S
1-Chlorohexane	07-MW-02-03	07-MW-02-DS-03	ON	ND	NC NC	S	2
1-Chlorohexane	08-SW-01-01	08-SW-01-DS-01	QN	QN	J. N	N.	) C
1-Chlorohexane	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	) V	S Z
2-Chloroethyl vinyl ether	02-GW-03-03	02-GW-03-DS-03	QN	ON	NC	NC NC	. S
vinyl	05-MW-03-03	05-MW-03-DS-03	ON	NO	NC	NC	Ü
2-Chloroethyl vinyl ether	05-MW-14-01	05-MW-14-DS-01	ND	ON	NC	NC	S
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 34

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t f f 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	6 # 1 B E E E		1	!
2-Chloroethyl vinyl ether	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	NC
2-Chloroethyl vinyl ether	07-MW-02-03	07-MW-02-DS-03	QV	QN	NC	NC	NC
2-Chloroethyl vinyl ether	08-SW-01-01	08-SW-01-DS-01	Q.	QN	NC	NC	NC
2-Chloroethyl vinyl ether	12-MW-02-03	12-MW-02-DS-03	Q	ON	NC	NC	NC
Bromobenzene	02-GW-03-03	02-GW-03-DS-03	QV	QV N	NC	NC	NC
Bromobenzene	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	NC	NC
Bromobenzene	05-MW-14-01	05-MW-14-DS-01	GN.	QN	NC	NC	SC
Bromobenzene	06-MW-07-01	06-MW-07-DS-01	QN	QN	NC	NC	NC
Bromobenzene	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	NC	NC
Bromobenzene	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	NC	NC
Bromobenzene	12-MW-02-03	12-MW-02-DS-03	2	< 0.53 (KJ)	) NC	SC	NC
Bromodichloromethane	02-GW-03-03	02-GW-03-DS-03	S	QN	NC	NC	NC
Bromodichloromethane	05-MW-03-03	05-MW-03-DS-03	< 0.068 (J)	< 0.068 (J)	NC	NC	NC
Bromodichloromethane	05-MW-14-01	05-MW-14-DS-01	2	QN N	NC	NC	SC
Bromodichloromethane	06-MW-07-01	06-MW-07-DS-01	QN.	QN N	NC	NC	SC
Bromodichloromethane	08-SW-01-01	08-SW-01-DS-01	9	Q	NC	NC	SC
Bromodichloromethane	12-MW-02-03	12-MW-02-DS-03	Q.	QN	NC	NC	SC
Bromomethane	02-GW-03-03	02-GW-03-DS-03	9	ON.	NC	NC	SC
Bromomethane	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	NC	S
Bromomethane	05-MW-14-01	05-MW-14-DS-01	QN	QN N	NC	NC	NC
Bromomethane	06-MW-07-01	06-MW-07-DS-01	Q.	QN	NC	SC	SC
Bromomethane	07-MW-02-03	07-MW-02-DS-03	QN .	Q	NC	SC	NC
Bromomethane	08-SW-01-01	08-SW-01-DS-01	Q.	ON	NC	NC	NC
Bromomethane	12-MW-02-03	12-MW-02-DS-03	QN	Q	NC	SC	SC
Carbon tetrachloride	02-GW-03-03	02-GW-03-DS-03	QN	ON	NC	NC	SC
Carbon tetrachloride	05-MW-03-03	05-MW-03-DS-03	QN.	QN	NC	N	SC
Carbon tetrachloride	05-MW-14-01	05-MW-14-DS-01	Q.	Q	S	NC	S
Carbon tetrachloride	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	NC
Carbon tetrachloride	07-MW-02-03	07-MW-02-DS-03	QN	Q	NC	NC	NC
Carbon tetrachloride	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	SC	NC
Carbon tetrachloride	12-MW-02-03	12-MW-02-DS-03	Q	QN	SC	S	NC
Chlorobenzene	02-GW-03-03	02-GW-03-DS-03	S.	QN	NC	NC	NC
Chlorobenzene	05-MW-03-03	05-MW-03-DS-03	< 0.14 (J)	< 0.14 (J)	NC	SC	NC
Chlorobenzene	05-MW-14-01	05-MW-14-DS-01	8	QN	NC	NC	S
Chlorobenzene	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 35

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1	1 1 1
Chlorobenzene	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	NC	NC
Chlorobenzene	08-SW-01-01	08-SW-01-DS-01	QN	ON	NC	NC	S
Chlorobenzene	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	NC
Chloroethane	02-GW-03-03	02-GW-03-DS-03	ON	ON	NC	NC	S
Chloroethane	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	NC
Chloroethane	05-MW-14-01	05-MW-14-DS-01	ON	ND	NC	NC	NC
Chloroethane	06-MW-07-01	06-MW-07-DS-01	ON.	Q	NC	NC	Š
Chloroethane	07-MW-02-03	07-MW-02-DS-03	QN.	N	NC	S	NC
Chloroethane	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	S	SC
Chloroethane	12-MW-02-03	12-MW-02-DS-03	ON	QN	S	S.	2
Chloroform	02-GW-03-03	02-GW-03-DS-03	QN	ON	NC NC	S	2
Chloroform	05-MW-03-03	05-MW-03-DS-03	ON.	QN	NC	S	S
Chloroform	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	NC	NC
Chloroform	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	NC	NC
Chloroform	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	NC	NC
Chloroform	08-SW-01-01	08-SW-01-DS-01	ON	ON	NC	NC	S
Chloroform	12-MW-02-03	12-MW-02-DS-03	. ON	ON	NC	Š	NC
Chloromethane	02-GW-03-03	02-GW-03-DS-03	ON	ON	NC	NC	NC
Chloromethane	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	N C	NC
Chloromethane	05-MW-14-01	05-MW-14-DS-01	ON	< 0.15 (J)	NC	NC	NC
Chloromethane	06-MW-07-01	06-MW-07-DS-01	N	ON .	NC	NC	NC
Chloromethane	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC	NC
Chloromethane	08-SW-01-01	08-SW-01-DS-01	< 0.021 (J)	< 0.021 (J)	NC	NC	S
Chloromethane	12-MW-02-03	12-MW-02-DS-03	< 0.15 (J)	ON	NC	NC	NC
Dibromochloromethane	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	NC	NC
Dibromochloromethane	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	NC	NC
Dibromochloromethane	05-MW-14-01	05-MW-14-DS-01	ON.	QN	NC	NC	NC NC
Dibromochloromethane	06-MW-07-01	06-MW-07-DS-01	S.	ON .	NC	NC	NC
Dibromochloromethane	07-MW-02-03	07-MW-02-DS-03	9	QN	, NC	NC	NC
Dibromochloromethane	08-SW-01-01	08-SW-01-DS-01	Q.	QN	NC	NC	NC
Dibromomethane	02-GW-03-03	02-GW-03-DS-03	QN	ON	NC	NC	Š
Dibromomethane	05-MW-03-03	05-MW-03-DS-03	QN	< 0.14 (J)	NC	NC	S
Dibromomethane	05-MW-14-01	05-MW-14~DS-01	ON.	QN	NC	NC	NC
Dibromomethane	06-MW-07-01	06-MW-07-DS-01	Q.	QN	NC	NC	NC
Dibromomethane	07-MW-02-03	07-MW-02-DS-03	ND	ND	NC	NC	NC
Committed: 10 May 1004	THE COUNTY OF TH						
רטוווחון ובחי זח וומא זפפי	NC = NOT Calculable	ND = Not Detected	() = Data Flag				89-36

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 ! ! ! !			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Dibromomethane	08-SW-01-01	08-SW-01-DS-01	QV	S	S	NC NC	SC
Dibromomethane	12-MW-02-03	12-MW-02-DS-03	Q.	S	2	NC	SC
Methylene chloride	02-GW-03-03	02-GW-03-DS-03	QV	S	NC	NC	NC
Methylene chloride	05-MW-03-03	05-MW-03-DS-03	QN	N N	NC NC	NC	NC
Methylene chloride	05-MW-14-01	05-MW-14-DS-01	0.21 (8)	QN ON	S	NC	NC
Methylene chloride	06-MW-07-01	06-MW-07-DS-01	0.21 (B)	0.34 (B)	0.3	0.1	47.93
Methylene chloride	08-SW-01-01	08-SW-01-DS-01	0.15 (8)	0.55 (TB)	0.4	0.3	113.39
Methylene chloride	12-MW-02-03	12-MW-02-DS-03	9	ND (K)	SC	NC	SC
Tetrachloroethene	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	NC	S
Tetrachloroethene	05-MW-03-03	05-MW-03-DS-03	< 0.10 (3)	< 0.10 (J)	NC	NC	NC
Tetrachloroethene	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	NC
Tetrachloroethene	06-MW-07-01	06-MW-07-DS-01	QN	Q.	NC	S	NC
Tetrachloroethene	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	SC	NC
Tetrach]oroethene	08-SW-01-01	08-SW-01-DS-01	Q	S	NC	NC	NC
Tetrachloroethene	12-MW-02-03	12-MW-02-DS-03	QN	S	NC	NC	NC
Tribromomethane(Bromoform)	02-GW-03-03	02-GW-03-DS-03	Q	QN	NC	NC	NC C
Tribromomethane(Bromoform)	05-MW-03-03	05-MW-03-DS-03	QV.	S	NC	NC	S
Tribromomethane(Bromoform)	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	SC	NC
Tribromomethane(Bromoform)	06-MW-07-01	06-MW-07-DS-01	ON .	N N	NC	SC	SC
Tribromomethane(Bromoform)	07-MW-02-03	07-MW-02-DS-03	Q	Q.	NC	SC	NC
Tribromomethane(Bromoform)	08-SW-01-01	08-SW-01-DS-01	QN	QN	SC	S	NC
Tribromomethane(Bromoform)	12-MW-02-03	12-MW-02-DS-03	QN N	NO	SC	SC	NC
Trichloroethene	02-GW-03-03	02-GW-03-DS-03	QN	S	NC	S	NC
Trichloroethene	05-MW-03-03	05-MW-03-DS-03	< 0.11 (J)	< 0.11 (J)	S	S	NC
Trichloroethene	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	NC
Trichloroethene	06-MW-07-01	06-MW-07-DS-01	Q	QN	NC	NC	NC
Trichloroethene	08-SW-01-01	08-SW-01-DS-01	QN	QV	NC	NC	NC
Trichloroethene	12-MW-02-03	12-MW-02-DS-03	QN	N N	NC	S	NC
Trichlorofluoromethane	02-GW-03-03	02-GW-03-DS-03	< 0.075 (J)	S	S	S	NC
Trichlorofluoromethane	05-MW-03-03	05-MW-03-DS-03	Q.	QV	NC	NC	NC
Trichlorofluoromethane	05-MW-14-01	05-MW-14-DS-01	S	S	NC	NC	NC
Trichlorofluoromethane	06-MW-07-01	06-MW-07-DS-01	Q	Q	NC	S	NC
Trichlorofluoromethane	07-MW-02-03	07-MW-02-DS-03	QN	QV	SN.	S	NC
Trichlorofluoromethane	08-SW-01-01	08-SW-01-DS-01	QN	QN	S	NC	NC
Trichlorofluoromethane	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 37

		Duplicate		Duplicate	Mean	Standard	1
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1	1 1 1 1 1 1 1 1 1	1
Vinyl chloride	02-GW-03-03	02-GW-03-DS-03	ON	ND	NC	NC	S
Vinyl chloride	05-MW-03-03	05-MW-03-DS-03	ON	NO	NC	NC	SC
Vinyl chloride	05-MW-14-01	05-MW-14-DS-01	ON	ND	NC	NC	NC
Vinyl chloride	06-MW-07-01	06-MW-07-DS-01	ND	ND	NC	NC	NC
Vinyl chloride	07-MW-02-03	07-MW-02-DS-03	N N	NO	NC	NC	NC
Vinyl chloride	08-SW-01-01	08-SW-01-DS-01	NO	ON	SC	NC	NC
Vinyl chloride	12-MW-02-03	12-MW-02-DS-03	< 0.20 (J)	S.	NC	NC	NC
cis-1,3-Dichloropropene	02-GW-03-03	02-GW-03-DS-03	ND	QN	NC	NC	NC
cis-1,3-Dichloropropene	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	NC
cis-1,3-Dichloropropene	05-MW-14-01	05-MW-14-DS-01	ND	QN	NC	NC	NC
cis-1,3-Dichloropropene	06-MW-07-01	06-MW-07-DS-01	ON	ND	NC	NC	NC
cis-1,3-Dichloropropene	07-MW-02-03	07-MW-02-DS-03	ON	ND	NC	NC	NC
cis-1,3~Dichloropropene	08-SW-01-01	08-SW-01-DS-01	ND	QN	NC	NC	NC
cis-1,3-Dichloropropene	12-MW-02-03	12-MW-02-DS-03	ON	QN	SC	NC	NC
trans-1,2-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC
trans-1,2-Dichloroethene	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	NC	NC
trans-1,2-Dichloroethene	05-MW-14-01	05-MW-14-DS-01	ON	QN	S	NC	NC
trans-1,2-Dichloroethene	06-MW-07-01	06-MW-07-DS-01	ON	N	NC	NC	NC
trans-1,2-Dichloroethene	07-MW-02-03	07-MW-02-DS-03	ON	ND	NC	NC	NC
trans-1,2-Dichloroethene	08-SW-01-01	08-SW-01-DS-01	ON	ON	NC	N	NC NC
trans-1,2-Dichloroethene	12-MW-02-03	12-MW-02-DS-03	ON	ON	NC	NC	NC
trans-1,3-Dichloropropene	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC
trans-1,3-Dichloropropene	05-MW-03-03	05-MW-03-DS-03	< 0.057 (J)	< 0.057 (J)	NC	NC	NC
trans-1,3-Dichloropropene	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	NC	NC
trans-1,3-Dichloropropene	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	NC
trans-1,3-Dichloropropene	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	NC	NC
trans-1,3-Dichloropropene	08-SW-01-01	08-SW-01-DS-01	QN	N	NC	NC SC	NC
trans-1,3-Dichloropropene	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)	Duplicate (ug/L)						
1,1,1,2-Tetrachloroethane	LCS933130	LCS933142	94.0	98.0	96.0	2.8	4.17
1,1,1,2-Tetrachloroethane	LCS933130	LCS933147	94.0	105.0	99.5	7.8	11.06
1,1,1,2-Tetrachloroethane	LCS933415	LCS933421	0.96	87.0	91.5	6.4	9.84
1,1,1,2-Tetrachloroethane	LCS933635	LCS933639	95.0	101.0	98.0	4.2	6.12
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 38
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Parameter	Sample 10	Sample ID	Value	Value	Value	Deviation	RPD (%)
1,1,1,2-Tetrachloroethane	LCS934245	LCS934251	91.0	86.0 (X)	88.5	3.5	5.65
1,1,1,2-Tetrachloroethane	LCS934496	LCS934507	91.0	94.0	92.5	2.1	3.24
1,1,1,2-Tetrachloroethane	LCS934522	LCS934533	110.0	113.0	111.5	2.1	2.69
1,1,1,2-Tetrachloroethane	LCS934528	LCS934661	95.0	99.0	97.0	2.8	4.12
1,1,1,2-Tetrachloroethane	LCS934664	LCS934673	99.0	111.0	105.0	8.5	11.43
1,1,1,2-Tetrachloroethane	LCS934883	LCS934890	89.0	99.0	94.0	7.1	10.64
1,1,1,2-Tetrachloroethane	LCS934897	LCS934906	103.0	100.0	101.5	2.1	2.96
1,1,1,2-Tetrachloroethane	LCSEXT931078	LCSEXT931091	100.0	112.0	106.0	8.5	11.32
1,1,1,2-Tetrachloroethane	LCSEXTCAL931095	LCSEXT931164	114.0	103.0	108.5	7.8	10.14
1,1,1,2-Tetrachloroethane	LCSEXT931297	LCSEXT931310	91.0	92.0	91.5	0.7	1.09
1,1,1,2-Tetrachloroethane	LCSEXT931331	LCSEXT931337	111.0	112.0	111.5	0.7	06.0
1,1,1,2~Tetrachloroethane	LCSEXT931360	LCSEXT931370	107.0	111.0	109.0	2.8	3.67
1,1,1,2-Tetrachloroethane	LCSEXT931420	LCSEXT931502	85.0	73.0	79.0	8.5	15.19
1,1,1,2-Tetrachloroethane	LCSEXT931540	LCSEXT931555	87.0	74.0	80.5	9.2	16.15
1,1,1,2-Tetrachloroethane	LCSEXT93923	LCSEXT93930	0.06	74.0	82.0	11.3	19.51
1,1,1-Trichloroethane	LCSCAL931094	LCS931163	121.0	111.0	116.0	7.1	8.62
1,1,1-Trichloroethane	LCSCAL931294	LCS931309	96.0	94.0	95.0	1.4	2.11
1,1,1-Trichloroethane	LCSCAL931330	LCS931336	122.0	122.0	122.0	0.0	0.00
1,1,1-Trichloroethane	LCSCAL931359	LCS931368	115.0	109.0	112.0	4.2	5.36
1,1,1-Trichloroethane	LCSCAL931419	LCS931501	91.0	88.0	89.5	2.1	3.35
1,1,1-Trichloroethane	LCS931554	LCS931556	88.0	85.0	86.5	2.1	3.47
1,1,1-Trichloroethane	LCS933131	LCS933141	112.0	109.0	110.5	2.1	2.71
1,1,1-Trichloroethane	LCS933131	LCS933146	112.0	111.0	111.5	0.7	06.0
1,1,1-Trichloroethane	LCS933413	LCS933420	106.0	106.0	106.0	0.0	00.00
1,1,1-Trichloroethane	LCS933634	LCS933640	103.0	98.0	100.5	3.5	4.98
1,1,1-Trichloroethane	LCS934242	LCS934250	112.0	103.0 (X)	107.5	6.4	8.37
1,1,1-Trichloroethane	LCS934491	LCS934506	113.0	119.0	116.0	4.2	5.17
1,1,1-Trichloroethane	LCS934519	LCS934532	114.0	112.0	113.0	1.4	1.77
1,1,1-Trichloroethane	LCS934526	LCS934660	0.96	97.0	96.5	0.7	1.04
1,1,1-Trichloroethane	LCS934663	LCS934672	109.0	116.0	112.5	4.9	6.22
1,1,1-Trichloroethane	LCS934882	LCS934887	111.0	120.0	115.5	6.4	7.79
1,1.1-Trichloroethane	LCS934882	LCS934889	111.0	114.0	112.5	2.1	2.67
1,1.1-Trichloroethane	LCS934895	LCS934905	109.0	110.0	109.5	0.7	0.91
1,1,1-Trichloroethane	LCS93-850	LCS93934	93.0	107.0	100.0	9.9	14.00
1,1,2,2-Tetrachloroethane	LCSCAL931094	LCS931163	93.0	84.0	88.5	6.4	10.17
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 39

		Duplicate		Duplicate	Mean	Standard	İ
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t	1	1 1	1 1 1 1 1 1 1 1	  -  -  -  -  -  -
1,1,2,2-Tetrachloroethane	LCSCAL931294	LCS931309	78.0	83.0	80.5	3.5	6.21
1,1,2,2-Tetrachloroethane	LCSCAL931330	LCS931336	98.0	89.0	93.5	6.4	9.63
1,1,2,2-Tetrachloroethane	LCSCAL931359	LCS931368	85.0	84.0	84.5	0.7	1.18
1,1,2,2-Tetrachloroethane	LCSCAL931419	LCS931501	95.0	101.0	98.0	4.2	6.12
1,1,2,2-Tetrachloroethane	LCS931554	LCS931556	78.0	0.06	84.0	8.5	14.29
1,1,2,2-Tetrachloroethane	LCS933131	LCS933141	74.0	82.0	78.0	5.7	10.26
1,1,2,2-Tetrachloroethane	LCS933131	LCS933146	74.0	82.0	78.0	5.7	10.26
1,1,2,2-Tetrachloroethane	LCS933413	LCS933420	77.0	73.0	75.0	2.8	5.33
1,1,2,2-Tetrachloroethane	LCS933634	LCS933640	79.0	77.0	78.0	1.4	2.56
1,1,2,2-Tetrachloroethane	LCS934242	LCS934250	75.0	70.0 (X)	72.5	3.5	06.9
1,1,2,2-Tetrachloroethane	LCS934491	LCS934506	81.0	72.0	76.5	6.4	11.76
1,1,2,2-Tetrachloroethane	LCS934519	LCS934532	0.66	92.0	92.2	4.9	7.33
1,1,2,2-Tetrachloroethane	LCS934526	LCS934660	76.0	72.0	74.0	2.8	5.41
1,1,2,2-Tetrachloroethane	LCS934663	LCS934672	87.0	89.0	88.0	1.4	2.27
1,1,2,2-Tetrachloroethane	LCS934882	LCS934887	81.0	79.0	80.0	1.4	2.50
1,1,2,2-Tetrachloroethane	LCS934882	LCS934889	81.0	84.0	82.5	2.1	3.64
1,1,2,2-Tetrachloroethane	LCS934895	. LCS934905	0.06	84.0	87.0	4.2	6.90
1,1,2,2-Tetrachloroethane	LCS93-850	LCS93934	75.0	93.0	84.0	12.7	21.43
1,1,2-Trichloroethane	LCSCAL931094	LCS931163	94.0	88.0	91.0	4.2	6,59
1,1,2-Trichloroethane	LCSCAL931294	LCS931309	80.0	81.0	80.5	0.7	1.24
1,1,2-Trichloroethane	LCSCAL931330	LCS931336	0.96	95.0	95.5	0.7	1.05
1,1,2-Trichloroethane	LCSCAL931359	LCS931368	91.0	0.06	90.5	0.7	1.10
1,1,2-Trichloroethane	LCSCAL931419	LCS931501	106.0	104.0	105.0	1.4	1.90
1,1,2-Trichloroethane	LCS931554	LCS931556	0.06	100.0	95.0	7.1	10.53
1,1,2-Trichloroethane	LCS933131	LCS933141	82.0	87.0	84.5	3.5	5.92
1,1,2-Trichloroethane	LCS933131	LCS933146	82.0	89.0	85.5	4.9	8.19
1,1,2-Trichloroethane	LCS933413	LCS933420	81.0	77.0	79.0	2.8	5.06
1,1,2-Trichloroethane	LCS933634	LCS933640	81.0	77.0	79.0	2.8	5.06
1,1,2-Trichloroethane	LCS934242	LCS934250	94.0	80.0 (X)	87.0	6.6	16.09
1,1,2-Trichloroethane	LCS934491	LCS934506	89.0	85.0	87.0	2.8	4.60
1,1,2-Trichloroethane	LCS934519	LCS934532	92.0	91.0	91.5	0.7	1.09
1,1,2-Trichloroethane	LCS934526	LCS934660	87.0	80.0	83.5	6.4	8.38
1,1,2-Trichloroethane	LCS934663	LCS934672	86.0	88.0	87.0	1.4	2.30
1,1,2-Trichloroethane	LCS934882	LCS934887	0.06	89.0	89.5	0.7	1.12
l,1,2-Trichloroethane	LCS934882	LCS934889	0.06	0.06	90.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 40
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		Duplicate		Ouplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
1,1,2-Trichloroethane	LCS934895	LCS934905	83.0	82.0	82.5	0.7	1.21
1,1,2-Trichloroethane	LCS93-850	LCS93934	70.0	84.0	77.0	6.6	18.18
1,1-Dichloroethane	LCSCAL931094	LCS931163	105.0	97.0	101.0	5.7	7.92
1,1-Dichloroethane	LCSCAL931294	LCS931309	89.0	84.0	86.5	3.5	5.78
1,1-Dichloroethane	LCSCAL931330	LCS931336	107.0	108.0	107.5	0.7	0.93
1,1-Dichloroethane	LCSCAL931359	LCS931368	102.0	98.0	100.0	2.8	4.00
1,1-Dichloroethane	LCSCAL931419	LCS931501	105.0	95.0	100.0	7.1	10.00
1,1-Dichloroethane	LCS931554	LCS931556	88.0	90.0	89.0	1.4	2.25
1,1-Dichloroethane	LCS933131	LCS933141	100.0	101.0	100.5	0.7	1.00
1,1-Dichloroethane	LCS933131	LCS933146	100.0	100.0	100.0	0.0	0.00
1,1-Dichloroethane	LCS933413	. LCS933420	0.96	95.0	95.5	0.7	1.05
1,1-Dichloroethane	LCS933634	LCS933640	93.0	86.0	89.5	4.9	7.82
1,1-Dichloroethane	LCS934242	LCS934250	104.0	91.0 (X)	97.5	9.5	13.33
1,1-Dichloroethane	LCS934491	LCS934506	101.0	100.0	100.5	0.7	1.00
1,1-Dichloroethane	LCS934519	LCS934532	0.66	97.0	98.0	1.4	2.04
1,1-Dichloroethane	LCS934526	LCS934660	0.96	93.0	94.5	2.1	3.17
1,1-Dichloroethane	LCS934663	LCS934672	0.96	100.0	98.0	2.8	4.08
1,1-Dichloroethane	LCS934882	LCS934887	102.0	109.0	105.5	4.9	6.64
1,1-Dichloroethane	LCS934882	LCS934889	102.0	106.0	104.0	2.8	3.85
1,1-Dichloroethane	LCS934895	LCS934905	97.0	97.0	97.0	0.0	0.00
1,1-Dichloroethane	LCS93-850	LCS93934	0.06	100.0	95.0	7.1	10.53
1,1-Dichloroethene	LCSCAL931094	LCS931163	0.76	84.0	90.5	9.5	14.36
1,1-Dichloroethene	LCSCAL931294	LCS931309	85.0	80.0	82.5	3.5	90.9
1,1-Dichloroethene	LCSCAL931330	LCS931336	94.0	98.0	96.0	2.8	4.17
1,1-Dichloroethene	LCSCAL931359	LCS931368	92.0	87.0	89.5	3.5	5.59
1,1-Dichloroethene	LCSCAL931419	LCS931501	94.0	87.0	90.5	4.9	7.73
1,1-Dichloroethene	LCS931554	LCS931556	0.67	78.0	78.5	0.7	1.27
1,1-Dichloroethene	LCS933131	LCS933141	108.0	108.0	108.0	0.0	0.00
1,1-Dichloroethene	LCS933131	LCS933146	108.0	105.0	106.5	2.1	2.85
1,1-Dichloroethene	LCS933413	LCS933420	106.0	106.0	106.0	0.0	00.00
1,1-Dichloroethene	LCS933634	LCS933640	0.68	91.0	90.0	1.4	2.22
1,1-Dichloroethene	LCS934242	LCS934250	103.0	90.0 (X)	96.5	9.2	13.47
1,1-Dichloroethene	LCS934491	LCS934506	104.0	105.0	104.5	0.7	96.0
1,1-Dichloroethene	LCS934519	LCS934532	93.0	93.0	93.0	0.0	00.00
1,1-Dichloroethene	LCS934526	LCS934660	100.0	101.0	100.5	0.7	1.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 41

		Duplicate		Dunlicato	N COM	to chart	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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1,1-Dichloroethene	LCS934663	LCS934672	104.0	100.0	102.0	2.8	3.92
1,1-Dichloroethene	LCS934882	LCS934887	103.0	111.0	107.0	5.7	7.48
1,1-Dichloroethene	LCS934882	LCS934889	103.0	116.0	109.5	9.5	11.87
1,1-Dichloroethene	LCS934895	LCS934905	101.0	97.0	99.0	2.8	4.04
1,1-Dichloroethene	LCS93-850	LCS93934	62.0	64.0	63.0	1.4	3.17
1,2,3-Trichloropropane	LCS933130	LCS933142	91.0	93.0	92.0	1.4	2.17
1,2,3-Trichloropropane	LCS933130	LCS933147	91.0	98.0	94.5	4.9	7.41
1,2,3-Trichloropropane	LCS933415	LCS933421	80.0	82.0	81.0	1.4	2.47
1,2,3-Trichloropropane	LCS933635	LCS933639	95.0	119.0	107.0	17.0	22.43
1,2,3-Trichloropropane	LCS934245	LCS934251	74.0	74.0 (X)	74.0	0.0	0.00
1,2,3-Trichloropropane	LCS934496	LCS934507	71.0	80.0	75.5	6.4	11.92
1,2,3-Trichloropropane	LCS934522	LCS934533	125.0	123.0	124.0	1.4	1.61
1,2,3-Trichloropropane	LCS934528	LCS934661	78.0	78.0	78.0	0.0	0,00
1,2,3-Trichloropropane	LCS934664	LCS934673	107.0	123.0	115.0	11.3	13.91
1,2,3-Irichloropropane	LCS934883	LCS934890	73.0	84.0	78.5	7.8	14.01
1,2,3-Trichloropropane	LCS934897	LCS934906	117.0	107.0	112.0	7.1	8.93
1,2,3-Trichloropropane	LCSEXT931078	LCSEXT931091	105.0	115.0	110.0	7.1	60.6
1,2,3-Trichloropropane	LCSEXTCAL931095	LCSEXT931164	125.0	112.0	118.5	9.5	10.97
1,2,3-Trichloropropane	LCSEXT931297	LCSEXT931310	82.0	85.0	83.5	2.1	3.59
1,2,3-Trichloropropane	LCSEXT931331	LCSEXT931337	128.0	117.0	122.5	7.8	8.98
1,2,3-Trichloropropane	LCSEXT931360	LCSEXT931370	116.0	116.0	116.0	0.0	0.00
1,2,3-Irichloropropane	LCSEXT931420	LCSEXT931502	74.0	59.0	66.5	10.6	22.56
1,2,3-irichloropropane	LCSEXT931540	LCSEXT931555	73.0	65.0	69.0	5.7	11.59
1,2,3-irichloropropane	LCSEXT93923	LCSEXT93930	72.0	61.0	66.5	7.8	16.54
1,2-Dichlorobenzene	LCSCAL931094	LCS931163	104.0	0.96	100.0	5.7	8.00
1,Z-Ulchlorobenzene	LCSCAL931294	LCS931309	89.0	0.06	89.5	0.7	1.12
1,2-Ulchlorobenzene	LCSCAL931330	LCS931336	105.0	104.0	104.5	0.7	0.96
1,2-Ulchlorobenzene	LCSCAL931359	LCS931368	100.0	0.66	99.5	0.7	1.01
1,2-Ulchlorobenzene	LCSCAL931419	LCS931501	112.0	107.0	109.5	3.5	4.57
I,2-Ulchiorobenzene	LCS931554	LCS931556	91.0	102.0	96.5	7.8	11.40
I,2-Dichlorobenzene	LCS933131	LCS933141	95.0	100.0	97.5	3.5	5.13
1,2-Dichlorobenzene	LCS933131	LCS933146	95.0	100.0	97.5	3.5	5,13
1,2-Dichlorobenzene	LCS933413	LCS933420	94.0	93.0	93.5	0.7	1.07
1,2-Dichlorobenzene	LCS933634	LCS933640	89.0	82.0	85.5	4.9	8.19
1,2-Ulchioropenzene	LCS934242	LCS934250	90.0	85.0 (X)	87.5	3.5	5.71
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 42
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		Charlest		Dun 1 to a 4 to	N seed	Character	
1	71 - Lean-3	Supricate Sumit 10	1.1	publicate	riean 1(-1)	Stalldaru	(%)
rarameter	Sample 1D	or aidillec	Aa i ne	value	Value	Deviation	KPD (%)
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1,2-Dichlorobenzene	LCS934491	LCS934506	94.0	97.0	95.5	2.1	3.14
1,2-Dichlorobenzene	LCS934519	LCS934532	98.0	93.0	95.5	3.5	5.24
1,2-Dichlorobenzene	LCS934526	LCS934660	94.0	98.0	96.0	2.8	4.17
1,2-Dichlorobenzene	LCS934663	LCS934672	93.0	97.0	95.0	2.8	4.21
1,2-Dichlorobenzene	LCS934882	LCS934887	95.0	0.66	97.0	2.8	4.12
1,2-Dichlorobenzene	LCS934882	LCS934889	95.0	101.0	98.0	4.2	6.12
1,2-Dichlorobenzene	LCS934895	LCS934905	93.0	86.0	89.5	4.9	7.82
1,2-Dichlorobenzene	LCS93-850	LCS93934	91.0	0.66	95.0	5.7	8.42
1,2-Dichloroethane	LCSCAL931094	LCS931163	104.0	100.0	102.0	2.8	3.92
1,2-Dichloroethane	LCSCAL931294	LCS931309	82.0	83.0	82.5	0.7	1.21
1,2-Dichloroethane	LCSCAL931330	LCS931336	106.0	105.0	105.5	0.7	0.95
1,2-Dichloroethane	LCSCAL931359	LCS931368	100.0	98.0	99.0	1.4	2.02
1,2-Dichloroethane	LCSCAL931419	LCS931501	91.0	84.0	87.5	4.9	8.00
1,2-Dichloroethane	LCS931554	LCS931556	0.06	0.67	84.5	7.8	13.02
1,2-Dichloroethane	LCS933131	LCS933141	88.0	0.06	89.0	1.4	2.25
1,2-Dichloroethane	LCS933131	LCS933146	88.0	91.0	89.5	2.1	3.35
1,2-Dichloroethane	LCS933413	LCS933420	85.0	82.0	83.5	2.1	3.59
1,2-Dichloroethane	LCS933634	LCS933640	97.0	88.0	92.5	6.4	9.73
1,2-Dichloroethane	LCS934242	LCS934250	93.0	83.0 (X)	88.0	7.1	11.36
1,2-Dichloroethane	LCS934491	LCS934506	91.0	89.0	90.0	1.4	2.22
1,2-Dichloroethane	LCS934519	LCS934532	104.0	105.0	104.5	0.7	0.96
1,2-Dichloroethane	LCS934526	LCS934660	83.0	83.0	83.0	0.0	00.00
1,2-Dichloroethane	LCS934663	LCS934672	98.0	106.0	102.0	5.7	7.84
1,2-Dichloroethane	LCS934882	LCS934887	91.0	94.0	92.5	2.1	3.24
1,2-Dichloroethane	LCS934882	LCS934889	91.0	95.0	91.5	0.7	1.09
1,2-Dichloroethane	LCS934895	LCS934905	0.86	100.0	99.0	1.4	2.02
1,2-Dichloroethane	LCS93-850	LCS93934	80.0	84.0	82.0	2.8	4.88
1,2-Dichloropropane	LCSCAL931094	LCS931163	104.0	95.0	99.5	6.4	9.05
1,2-Dichloropropane	LCSCAL931294	LCS931309	88.0	85.0	86.5	2.1	3.47
1,2-Dichloropropane	LCSCAL931330	LCS931336	104.0	102.0	103.0	1.4	1.94
1,2-Dichloropropane	LCSCAL931359	LCS931368	100.0	0.96	98.0	2.8	4.08
1,2-Dichloropropane	LCSCAL931419	LCS931501	92.0	0.06	91.0	1.4	2.20
1,2-Dichloropropane	LCS931554	LCS931556	83.0	82.0	82.5	0.7	1.21
1,2-Dichloropropane	LCS933131	LCS933141	0.66	99.0	99.0	0.0	0.00
1,2-Dichloropropane	LCS933131	LCS933146	0.66	98.0	98.5	0.7	1.02
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 43

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
f			!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1	1 1 1 1
1,2-Dichloropropane	LCS933413	LCS933420	92.0	92.0	92.0	0.0	0.00
1,2-Dichloropropane	LCS933634	LCS933640	0.06	84.0	87.0	4.2	6.90
1,2-Dichloropropane	LCS934242	LCS934250	101.0	90.0 (X)	95.5	7.8	11.52
1,2-Dichloropropane	LCS934491	LCS934506	101.0	101.0	101.0	0.0	00.00
1,2-Dichloropropane	LCS934519	LCS934532	95.0	98.0	96.5	2.1	3.11
1,2-Dichloropropane	LCS934526	LCS934660	93.0	88.0	90.5	3.5	5.52
1,2-Dichloropropane	LCS934663	LCS934672	93.0	97.0	95.0	2.8	4.21
1,2-Dichloropropane	LCS934882	LCS934887	100.0	104.0	102.0	2.8	3.92
1,2-Dichloropropane	LCS934882	LCS934889	100.0	102.0	101.0	1.4	1.98
1,2-Dichloropropane	LCS934895	LCS934905	89.0	0.06	89.5	0.7	1.12
1,2-Dichloropropane	LCS93-850	LCS93934	0.77	85.0	81.0	5.7	9.88
1,3-Dichlorobenzene	LCSCAL931094	LCS931163	103.0	95.0	0.66	5.7	8.08
1,3-Dichlorobenzene	LCSCAL931294	LCS931309	89.0	86.0	87.5	2.1	3.43
1,3-Dichlorobenzene	LCSCAL931330	LCS931336	103.0	102.0	102.5	0.7	0.98
1,3-Dichlorobenzene	LCSCAL931359	LCS931368	0.66	97.0	98.0	1.4	2.04
1,3-Dichlorobenzene	LCSCAL931419	LCS931501	92.0	92.0	92.0	0.0	0.00
1,3-Dichlorobenzene	LCS931554	LCS931556	0.77	86.0	81.5	6.4	11.04
1,3-Dichlorobenzene	LCS933131	LCS933141	102.0	107.0	104.5	3.5	4.78
1,3-Dichlorobenzene	LCS933131	LCS933146	102.0	105.0	103.5	2.1	2.90
1,3-Dichlorobenzene	LCS933413	LCS933420	101.0	100.0	100.5	0.7	1.00
1,3-Dichlorobenzene	LCS933634	LCS933640	84.0	77.0	80.5	4.9	8.70
1,3-Dichlorobenzene	LCS934242	LCS934250	95.0	91.0 (X)	93.0	2.8	4.30
1,3-Dichlorobenzene	LCS934491	LCS934506	100.0	101.0	100.5	0.7	1.00
1,3-Dichlorobenzene	LCS934519	LCS934532	92.0	88.0	90.0	2.8	4.44
1,3-Dichlorobenzene	LCS934526	LCS934660	95.0	91.0	93.0	2.8	4.30
1,3-Dichlorobenzene	LCS934663	LCS934672	0.98	90.0	88.0	2.8	4.55
1,3-Dichlorobenzene	LCS934882	LCS934887	104.0	106.0	105.0	1.4	1.90
1,3-Dichlorobenzene	LCS934882	LCS934889	104.0	110.0	107.0	4.2	5.61
1,3-Dichlorobenzene	LCS934895	LCS934905	83.0	81.0	82.0	1.4	2.44
1,3-Dichlorobenzene	LCS93-850	LCS93934	78.0	92.0	85.0	6.6	16.47
1,4-Dichlorobenzene	LCSCAL931094	LCS931163	107.0	99.0	103.0	5.7	7.77
1,4-Dichlorobenzene	LCSCAL931294	LCS931309	93.0	92.0	92.5	0.7	1.08
1,4-Dichlorobenzene	LCSCAL931330	LCS931336	112.0	109.0	110.5	2.1	2.71
1,4-Dichlorobenzene	LCSCAL931359	LCS931368	103.0	102.0	102.5	0.7	0.98
1,4-Dichlorobenzene	LCSCAL931419	LCS931501	115.0	115.0	115.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 44
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	
1,4-Dichlorobenzene	LCS931554	LCS931556	98.0	111.0	104.5	9.5	12.44
1,4-Dichlorobenzene	LCS933131	LCS933141	98.0	105.0	101.5	4.9	6.90
1,4-Dichlorobenzene	LCS933131	LCS933146	0.86	104.0	101.0	4.2	5.94
1,4-Dichlorobenzene	LCS933413	LCS933420	98.0	98.0	98.0	0.0	0.00
1,4-Dichlorobenzene	LCS933634	LCS933640	98.0	0.06	94.0	5.7	8.51
1,4-Dichlorobenzene	LCS934242	LCS934250	94.0	85.0 (X)	89.5	6.4	10.06
1,4-Dichlorobenzene	LCS934491	LCS934506	95.0	98.0	96.5	2.1	3.11
1,4-Dichlorobenzene	LCS934519	LCS934532	106.0	101.0	103.5	3.5	4.83
1,4-Dichlorobenzene	LCS934526	LCS934660	0.66	93.0	96.0	4.2	6.25
1,4-Dichlorobenzene	LCS934663	LCS934672	100.0	104.0	102.0	2.8	3.92
1,4-Dichlorobenzene	LCS934882	LCS934887	98.0	101.0	99.5	2.1	3.02
1,4-Dichlorobenzene	LCS934882	LCS934889	98.0	104.0	101.0	4.2	5.94
1,4-Dichlorobenzene	LCS934895	LCS934905	101.0	99.0	100.0	1.4	2.00
1,4-Dichlorobenzene	LCS93-850	LCS93934	97.0	107.0	102.0	7.1	9.80
1-Chlorohexane	LCS933130	LCS933142	110.0	116.0	113.0	4.2	5.31
1-Chlorohexane	LCS933130	LCS933147	110.0	128.0	119.0	12.7	15.13
1-Chlorohexane	LCS933415	LCS933421	119.0	107.0	113.0	8.5	10.62
1-Chlorohexane	LCS933635	LCS933639	82.0		89.5	10.6	16.76
1-Chlorohexane	LCS934245	LCS934251	115.0	112.0 (X)	113.5	2.1	2.64
1-Chlorohexane	LCS934496		118.0	117.0	117.5	0.7	0.85
1-Chlorohexane	LCS934522	LCS934533	108.0	105.0	106.5	2.1	2.82
1-Chlorohexane	LCS934528	LCS934661	111.0	119.0	115.0	5.7	96.9
1-Chlorohexane	LCS934664	LCS934673	100.0	105.0	102.5	3.5	4.88
1-Chlorohexane	LCS934883	LCS934890	105.0	119.0	112.0	6.6	12.50
1-Chlorohexane	LCS934897	LCS934906	0.96	87.0	91.5	6.4	9.84
1-Chlorohexane	LCSEXT931078	LCSEXT931091	110.0	126.0	118.0	11.3	13.56
1-Chlorohexane	LCSEXTCAL931095	LCSEXT931164	126.0	112.0	119.0	6.6	11.76
1-Chlorohexane	LCSEXT931297	LCSEXT931310	88.0	82.0	85.0	4.2	7.06
1-Chlorohexane	LCSEXT931331	LCSEXT931337	117.0	123.0	120.0	4.2	5.00
1-Chlorohexane	LCSEXT931360	LCSEXT931370	116.0	122.0	119.0	4.2	5.04
1-Chlorohexane	LCSEXT931420	LCSEXT931502	109.0	98.0	103.5	7.8	10.63
1-Chlorohexane	LCSEXT931540	LCSEXT931555	111.0	0.66	105.0	8.5	11.43
1-Chlorohexane	LCSEXT93923	LCSEXT93930	134.0	102.0	118.0	22.6	27.12
2-Chloroethyl vinyl ether	LCSCAL931094	LCS931163	108.0	119.0	113.5	7.8	69.6
2-Chloroethyl vinyl ether	LCSCAL931294	LCS931309	64.0	63.0	63.5	0.7	1.57
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 45

		Dunlicate		Dun 1 to a to	l see	7.77	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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2-Chloroethyl vinyl ether	LCSCAL931330	LCS931336	130.0	124.0	127.0	4.2	4.72
2-Chloroethyl vinyl ether	LCSCAL931359	LCS931368	124.0	110.0	117.0	5 · 6	11.97
2-Chloroethyl vinyl ether	LCSCAL931419	LCS931501	75.0	71.0	73.0	2.8	5.48
vinyl	LCS931554	LCS931556	47.0	61.0	54.0	6.6	25.93
vinyl	LCS933131	LCS933141	57.0	51.0	54.0	4.2	11.11
vinyl	LCS933131	LCS933146	57.0	53.0	55.0	2.8	7.27
2-Chloroethyl vinyl ether	LCS933413	LCS933420	59.0	51.0	55.0	5.7	14.55
	LCS933634	LCS933640	103.0	93.0	98.0	7.1	10.20
	LCS934242	LCS934250	79.0	68.0 (X)	73.5	7.8	14.97
2-Chloroethyl vinyl ether	LCS934491	LCS934506	79.0	71.0	75.0	5.7	10.67
2-Chloroethyl vinyl ether	LCS934519	· LCS934532	146.0	124.0	135.0	15.6	16.30
	LCS934526	LCS934660	75.0	61.0	68.0	6,6	20.59
vinyl	LCS934663	LCS934672	139.0	122.0	130.5	12.0	13.03
2-Chloroethyl vinyl ether	LCS934882	LCS934887	79.0	83.0	81.0	2.8	4.94
vinyl	LCS934882	LCS934889	79.0	70.0	74.5	6.4	12.08
	LCS934895	LCS934905	131.0	110.0	120.5	14.8	17.43
2-Chloroethyl vinyl ether	LCS93-850	LCS93934	41.0	50.0	45.5	6.4	19.78
Bromobenzene	LCS933130	LCS933142	84.0	87.0	85.5	2.1	3.51
Bromobenzene	LCS933130	LCS933147	84.0	95.0	89.5	7.8	12.29
Bromobenzene	LCS933415	LCS933421	82.0	78.0	80.0	2.8	5.00
Bromobenzene	LCS933635	LCS933639	89.0	99.0	94.0	7.1	10.64
Bromobenzene	LCS934245	LCS934251	113.0	104.0 (X)	108.5	6.4	8.29
Bromobenzene	LCS934496	LCS934507	106.0	115.0	110.5	6.4	8.14
Bromobenzene	LCS934522	LCS934533	109.0	111.0	110.0	1.4	1.82
Bromobenzene	LCS934528	LCS934661	114.0	111.0	112.5	2.1	2.67
Bromobenzene	LCS934664	LCS934673	100.0	110.0	105.0	7.1	9.52
Bromobenzene	LCS934883	LCS934890	0.06	98.0	94.0	5.7	8.51
Bromobenzene	LCS934897	LCS934906	103.0	97.0	100.0	4.2	6.00
Bromobenzene	LCSEXT931078	LCSEXT931091	120.0	134.0	127.0	6.6	11.02
Bromobenzene	LCSEXTCAL931095	LCSEXT931164	136.0	122.0	129.0	6.6	10.85
Bromobenzene	LCSEXT931297	LCSEXT931310	89.0	0.06	89.5	0.7	1.12
Bromobenzene	LCSEXT931331	LCSEXT931337	114.0	132.0	123.0	12.7	14.63
Bromobenzene	LCSEXT931360	LCSEXT931370	125.0	133.0	129.0	5.7	6.20
Bromobenzene	LCSEXT931420	LCSEXT931502	100.0	103.0	101.5	2.1	2.96
Bromobenzene	LCSEXT931540	LCSEXT931555	103.0	89.0	96.0	6.6	14.58
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 46

		Duplicate		Dunlicate	Mean	Standard	Ī.
Parameter	Sample IO	Sample ID	Value	Value	Value	Deviation	RPD (%)
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Bromobenzene	LCSEXT93923	LCSEXT93930	95.0	74.0	84.5	14.8	24.85
Bromodichloromethane	LCSCAL931094	LCS931163	101.0	93.0	97.0	5.7	8.25
Bromodichloromethane	LCSCAL931294	LCS931309	81.0	81.0	81.0	0.0	0.00
Bromodichloromethane	LCSCAL931330	LCS931336	101.0	101.0	101.0	0.0	0.00
Bromodichloromethane	LCSCAL931359	LCS931368	97.0	95.0	96.0	1.4	2.08
Bromodichloromethane	LCSCAL931419	LCS931501	88.0	0.06	89.0	1.4	2.25
Bromodichloromethane	LCS931554	LCS931556	84.0	83.0	83.5	0.7	1.20
Bromodichloromethane	LCS933131	LCS933141	89.0	91.0	90.0	1.4	2.22
Bromodichloromethane	LCS933131	LCS933146	89.0	93.0	91.0	2.8	4.40
Bromodichloromethane	LCS933413	LCS933420	85.0	83.0	84.0	1.4	2.38
<b>Bromodichloromethane</b>	LCS933634	LCS933640	88.0	80.0	84.0	5.7	9.52
Bromodichloromethane	LCS934242	LCS934250	91.0	84.0 (X)	87.5	4.9	8.00
Bromodichloromethane	LCS934491	LCS934506	92.0	95.0	93.5	2.1	3.21
Bromodichloromethane	LCS934519	LCS934532	0.06	91.0	90.5	0.7	1.10
Bromodichloromethane	LCS934526	LCS934660	91.0	85.0	88.0	4.2	6.82
Bromodichloromethane	LCS934663	LCS934672	89.0	94.0	91.5	3.5	5.46
Bromodichloromethane	LCS934882	LCS934887	103.0	106.0	104.5	2.1	2.87
Bromodichloromethane	LCS934882	LCS934889	103.0	106.0	104.5	2.1	2.87
Bromodichloromethane	LCS934895	LCS934905	86.0	89.0	87.5	2.1	3.43
Bromodichloromethane	LCS93-850	LCS93934	0.69	74.0	71.5	3.5	6.99
Bromomethane	LCSCAL931094	LCS931163	128.0	116.0	122.0	8.5	9.84
Bromomethane	LCSCAL931294	LCS931309	0.99	63.0	64.5	2.1	4.65
Bromomethane	LCSCAL931330	LCS931336	132.0	115.0	123.5	12.0	13.77
Bromomethane	LCSCAL931359	LCS931368	111.0	105.0	108.0	4.2	5.56
Bromomethane	LCSCAL931419	LCS931501	89.0	85.0	87.0	2.8	4.60
Bromomethane	LCS931554	LCS931556	76.0	0.77	76.5	0.7	1.31
Bromomethane	LCS933131	LCS933141	57.0	56.0	56.5	0.7	1.77
Bromomethane	LCS933131	LCS933146	57.0	55.0	56.0	1.4	3.57
Bromomethane	LCS933413	LCS933420	62.0	54.0	58.0	5.7	13.79
Bromomethane	LCS933634	LCS933640	115.0	107.0	111.0	5.7	7.21
Bromomethane	LCS934242	LCS934250	59.0	54.0 (X)	56.5	3.5	8.85
Bromomethane	LCS934491	LCS934506	63.0	57.0	0.09	4.2	10.00
Bromomethane	LCS934519	LCS934532	102.0	103.0	102.5	0.7	0.98
Bromomethane	LCS934526	LCS934660	73.0	0.99	69.5	4.9	10.07
Bromomethane	LCS934663·	LCS934672	122.0	119.0	120.5	2.1	2.49
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag		٠		89- 47

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1	1
Bromomethane	LCS934882	LCS934887	79.0	80.0	79.5	0.7	1.26
Bromomethane	LCS934882	LCS934889	79.0	84.0	81.5	3.5	6.13
Bromomethane	LCS934895	LCS934905	126.0	123.0	124.5	2.1	2.41
Bromomethane	LCS93-850	LCS93934	71.0	77.0	74.0	4.2	8.11
Carbon tetrachloride	LCSCAL931094	LCS931163	119.0	108.0	113.5	7.8	69.6
Carbon tetrachloride	LCSCAL931294	LCS931309	98.0	94.0	96.0	2.8	4.17
	LCSCAL931330	LCS931336	118.0	116.0	117.0	1.4	1.71
Carbon tetrachloride	LCSCAL931359	LCS931368	113.0	107.0	110.0	4.2	5,45
	LCSCAL931419	LCS931501	100.0	98.0	99.0	1.4	2.02
	LCS931554	LCS931556	91.0	93.0	92.0	1.4	2.17
	LCS933131	LCS933141	116.0	113.0	114.5	2.1	2.62
	LCS933131	LCS933146	116.0	114.0	115.0	1.4	1.74
Carbon tetrachloride	LCS933413	LCS933420	110.0	111.0	110.5	0.7	0.90
Carbon tetrachloride	LCS933634	LCS933640	103.0	95.0	99.0	5.7	8.08
	LCS934242	LCS934250	115.0	105.0 (X)	110.0	7.1	60.6
	LCS934491	LCS934506	116.0	121.0	118.5	3.5	4.22
Carbon tetrachloride	LCS934519	LCS934532	115.0	110.0	112.5	3.5	4.44
	LCS934526	LCS934660	104.0	105.0	104.5	0.7	0.96
Carbon tetrachloride	LCS934663	LCS934672	109.0	115.0	112.0	4.2	5.36
Carbon tetrachloride	LCS934882	LCS934887	118.0	129.0	123.5	7.8	8.91
Carbon tetrachloride	LCS934882	LCS934889	118.0	123.0	120.5	3.5	4.15
carbon tetrachloride	LCS934895	LCS934905	111.0	111.0	111.0	0.0	0.00
Carbon tetrachloride	LCS93-850	LCS93934	91.0	106.0	98.5	10.6	15.23
Chlorobenzene	LCSCAL931094	LCS931163	106.0	98.0	102.0	5.7	7.84
Chlorobenzene	LCSCAL931294	LCS931309	0.78	85.0	86.0	1.4	2.33
Chlorobenzene	LCSCAL931330	LCS931336	0.86	107.0	102.5	6.4	8.78
Chlorobenzene	LCSCAL931359	LCS931368	100.0	88.0	94.0	8.5	12.77
Chlorobenzene	LCSCAL931419	LCS931501	103.0	101.0	102.0	1.4	1.96
Chlorobenzene	LCS931554	LCS931556	88.0	98.0	93.0	7.1	10.75
Chlorobenzene	LCS933131	LCS933141	102.0	104.0	103.0	1.4	1.94
Chlorobenzene	LCS933131	LCS933146	102.0	103.0	102.5	0.7	0.98
Chlorobenzene	LCS933413	LCS933420	0.96	0.96	96.0	0.0	0.00
Chlorobenzene	LCS933634	LCS933640	91.0	83.0	87.0	5.7	9.20
Chlorobenzene	LCS934242	LCS934250	0.96	85.0 (X)	90.5	7.8	12.15
Chlorobenzene	LCS934491	LCS934506	98.0	0.66	98.5	0.7	1.02
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				R9- 48

## DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

997		Dunlicate		Dunlicate	Maan	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1		1 1 1 1
Chlorobenzene	LCS934519	LCS934532	100.0	98.0	0.66	1.4	2.02
Chlorobenzene	LCS934526	LCS934660	101.0	95.0	98.0	4.2	6.12
Chlorobenzene	LCS934663	LCS934672	95.0	0.66	97.0	2.8	4.12
Chlorobenzene	LCS934882	LCS934887	103.0	113.0	108.0	7.1	9.26
Chlorobenzene	LCS934882	LCS934889	103.0	112.0	107.5	6.4	8.37
Chlorobenzene	LCS934895	LCS934905	94.0	93.0	93.5	0.7	1.07
Chlorobenzene	LCS93-850	LCS93934	83.0	98.0	90.5	10.6	16.57
Chloroethane	LCSCAL931094	LCS931163	109.0	95.0	102.0	6.6	13.73
Chloroethane	LCSCAL931294	LCS931309	0.66	91.0	95.0	5.7	8.42
Chloroethane	LCSCAL931330	LCS931336	110.0	106.0	108.0	2.8	3.70
Chloroethane	LCSCAL931359	LCS931368	103.0	0.96	99.5	4.9	7.04
Chloroethane	LCSCAL931419	LCS931501	125.0	116.0	120.5	6.4	7.47
Chloroethane	LCS931554	LCS931556	111.0	110.0	110.5	0.7	06.0
Chloroethane	LCS933131	LCS933141	0.96	95.0	95.5	0.7	1.05
Chloroethane	LCS933131	LCS933146	96.0	93.0	94.5	2.1	3.17
Chloroethane	LCS933413	LCS933420	98.0	95.0	96.5	2.1	3.11
Chloroethane	. LCS933634	LCS933640	104.0	101.0	102.5	2.1	2.93
Chloroethane	LCS934242	LCS934250	88.0	78.0 (X)	83.0	7.1	12.05
Chloroethane	LCS934491	LCS934506	90.0	82.0	86.0	5.7	9.30
Chloroethane	LCS934519	LCS934532	113.0	102.0	107.5	7.8	10.23
Chloroethane	LCS934526	LCS934660	0.06	79.0	84.5	7.8	13.02
Chloroethane	LCS934663	LCS934672	113.0	110.0	111.5	2.1	2.69
Chloroethane	LCS934882	LCS934887	0.96	98.0	97.0	1.4	2.06
Chloroethane	LCS934882	LCS934889	0.96	98.0	97.0	1.4	2.06
Chloroethane	LCS934895	LCS934905	112.0	111.0	111.5	0.7	06.0
Chloroethane	LCS93-850	LCS93934	86.0	94.0	90.0	5.7	8.89
Chloroform	LCSCAL931094	LCS931163	113.0	103.0	108.0	7.1	9.26
Chloroform	LCSCAL931294	LCS931309	0.96	94.0	95.0	1.4	2.11
Chloroform	LCSCAL931330	LCS931336	112.0	112.0	112.0	0.0	00.00
Chloroform	LCSCAL931359	LCS931368	105.0	103.0	104.0	1.4	1.92
Chloroform	LCSCAL931419	LCS931501	107.0	97.0	102.0	7.1	9.80
Chloroform	LCS931554	LCS931556	88.0	97.0	92.5	6.4	9.73
Chloroform	LCS933131	LCS933141	106.0	107.0	106.5	0.7	0.94
Chloroform	LCS933131	LCS933146	106.0	107.0	106.5	0.7	0.94
Chloroform	LCS933413	LCS933420	101.0	101.0	101.0	0.0	00.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 49

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
			1 1 1	1	:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Chloroform	LCS933634	LCS933640	97.0	91.0	94.0	4.2	98
Chloroform	LCS934242	LCS934250	117.0	103.0 (X)	110.0	. o. o.	12.73
Chloroform	LCS934491	LCS934506	112.0		112.5	0.7	0.89
Chloroform	LCS934519	LCS934532	106.0	106.0	106.0	0.0	0,00
Chloroform	LCS934526	LCS934660	0.96	98.0	97.0	1.4	2.06
Chlaroform	LCS934663	LCS934672	100.0	105.0	102.5	3,5	4.88
Chloroform	LCS934882	LCS934887	105.0	114.0	109.5	6.4	8.22
Chloroform	LCS934882	LCS934889	105.0	108.0	106.5	2.1	2.82
Chloroform	LCS934895	LCS934905	102.0	100.0	101.0	1.4	1.98
Chloroform	LCS93-850	LCS93934	0.06	98.0	94.0	5.7	8.51
Chloromethane	LCSCAL931094	LCS931163	88.0	87.0	87.5	0.7	1.14
Chloromethane	LCSCAL931294	LCS931309	76.0	68.0	72.0	5.7	11.11
Chloromethane	LCSCAL931330	LCS931336	89.0	92.0	90.5	2.1	3.31
Chloromethane	LCSCAL931359	LCS931368	81.0	83.0	82.0	1.4	2.44
Chloromethane	LCSCAL931419	LCS931501	94.0	0.96	95.0	1.4	2.11
Chloromethane	LCS931554	LCS931556	86.0	86.0	86.0	0.0	0.00
Chloromethane	LCS933131	LCS933141	75.0	74.0	74.5	0.7	1.34
Chloromethane	LCS933131	LCS933146	75.0	70.0	72.5	3.5	6.90
Chloromethane	LCS933413	LCS933420	74.0	67.0	70.5	4.9	9.93
Chloromethane	LCS933634	LCS933640	71.0	61.0	0.99	7.1	15.15
Chloromethane	LCS934242	LCS934250	62.0	53.0 (X)	57.5	6.4	15.65
Chloromethane	LCS934491	LCS934506	63.0	59.0	61.0	2.8	6.56
Chloromethane	LCS934519	LCS934532	71.0	70.0	70.5	0.7	1.42
Chloromethane	LCS934526	LCS934660	64.0	70.0	67.0	4.2	8,96
Chloromethane	LCS934663	LCS934672	76.0	75.0	75.5	0.7	1.32
Chloromethane	LCS934882	LCS934887	75.0	78.0	76.5	2.1	3.92
Chloromethane	LCS934882	LCS934889	75.0	0.08	77.5	3.5	6.45
Chloromethane	LCS934895	LCS934905	82.0	76.0	79.0	4.2	7.59
Chloromethane	LCS93-850	LCS93934	76.0	82.0	79.0	4.2	7.59
Dibromochloromethane	LCSCAL931094	LCS931163	103.0	95.0	0.66	5.7	8.08
Dibromochloromethane	LCSCAL931294	LCS931309	77.0	87.0	82.0	7.1	12.20
Dibromochloromethane	LCSCAL931330	LCS931336	103.0	102.0	102.5	0.7	0.98
Dibromochloromethane	LCSCAL931359	LCS931368	97.0	102.0	99.5	3.5	5,03
Dibromochloromethane	LCSCAL931419	LCS931501	87.0	93.0	0.06	4.2	6.67
Dibromochloromethane	LCS931554	LCS931556	79.0	0.68	84.0	7.1	11.90
100 to 10							
compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 50

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	! ! ! !	1
Dibromochloromethane	LCS933131	LCS933141	83.0	89.0	86.0	4.2	6.98
Dibromochloromethane	LCS933131	LCS933146	83.0	0.06	86.5	4.9	8.09
Dibromochloromethane	LCS933413	LCS933420	84.0	81.0	82.5	2.1	3.64
Dibromochloromethane	LCS933634	LCS933640	89.0	88.0	88.5	0.7	1.13
Dibromochloromethane	LCS934242	LCS934250	89.0	82.0 (X)	85.5	4.9	8.19
Dibromochloromethane	LCS934491	LCS934506	89.0	90.0	89.5	0.7	1.12
Dibromochloromethane	LCS934519	LCS934532	101.0	102.0	101.5	0.7	0.99
Dibromochloromethane	LCS934526	LCS934660	95.0	93.0	94.0	1.4	2.13
Dibromochloromethane	LCS934663	LCS934672	0.96	100.0	98.0	2.8	4.08
Dibromochloromethane	LCS934882	LCS934887	91.0	91.0	91.0	0.0	0.00
Dibromochloromethane	LCS934882	LCS934889	91.0	94.0	92.5	2.1	3.24
Dibromochloromethane	LCS934895	LCS934905	0.76	0.96	96.5	0.7	1.04
Dibromochloromethane	LCS93-850	LCS93934	78.0	93.0	85.5	10.6	17.54
Dibromomethane	LCS933130	LCS933142	75.0	76.0	75.5	0.7	1.32
Dibromomethane	LCS933130	LCS933147	75.0	84.0	79.5	6.4	11.32
Dibromomethane	LCS933415	LCS933421	70.0	0.89	0.69	1.4	2.90
Dibromomethane	LCS933635	LCS933639	75.0	93.0	84.0	12.7	21.43
Dibromomethane	LCS934245	LCS934251	85.0	87.0 (X)	86.0	1.4	2.33
Dibromomethane	LCS934496	LCS934507	82.0	87.0	84.5	3.5	5.92
Dibromomethane	LCS934522	LCS934533	108.0	112.0	110.0	2.8	3.64
Dibromomethane	LCS934528	LCS934661	88.0	85.0	86.5	2.1	3.47
Dibromomethane	LCS934664	LCS934673	94.0	105.0	99.5	7.8	11.06
Dibromomethane	LCS934883	LCS934890	79.0	0.06	84.5	7.8	13.02
Dibromomethane	LCS934897	LCS934906	95.0	93.0	94.0	1.4	2.13
Dibromomethane	LCSEXT931078	LCSEXT931091	98.0	111.0	104.5	9.5	12.44
Dibromomethane	LCSEXTCAL931095	LCSEXT931164	114.0	101.0	107.5	9.5	12.09
Dibromomethane	LCSEXT931297	LCSEXT931310	64.0	65.0	64.5	0.7	1.55
Dibromomethane	LCSEXT931331	LCSEXT931337	103.0	111.0	107.0	5.7	7.48
Dibromomethane	LCSEXT931360	LCSEXT931370	111.0	110.0	110.5	0.7	06.0
Dibromomethane	LCSEXT931420	LCSEXT931502	0.98	74.0	80.0	8.5	15.00
Dibromomethane	LCSEXT931540	LCSEXT931555	0.98	77.0	81.5	6.4	11.04
Dibromomethane	LCSEXT93923	LCSEXT93930	76.0	68.0	72.0	5.7	11.11
Methylene chloride	LCSCAL931094	LCS931163	109.0	120.0	114.5	7.8	9.61
Methylene chloride	LCSCAL931294	LCS931309	84.0	71.0	77.5	9.5	16.77
Methylene chloride	LCSCAL931330	LCS931336	113.0	124.0	118.5	7.8	9.28
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 51

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1	# # # # # # # # # # # # # # # # # # #	1	1 1 1 1	. ! ! !
Methylene chloride	LCSCAL931359	LCS931368	104.0	85.0	94.5	13.4	20.11
Methylene chloride	LCSCAL931419	LCS931501	100.0	90.0	95.0	7.1	10.53
Methylene chloride	LCS931554	LCS931556	88.0	91.0	89.5	2.1	3.35
Methylene chloride	LCS93-850	LCS93934	84.0	93.0	88.5	6.4	10.17
Tetrachloroethene	LCSCAL931094	LCS931163	114.0	104.0	109.0	7.1	9.17
Tetrachloroethene	LCSCAL931294	LCS931309	97.0	94.0	95.5	2.1	3.14
Tetrachloroethene	LCSCAL931330	LCS931336	115.0	117.0	116.0	1.4	1.72
Tetrachloroethene	LCSCAL931359	LCS931368	109.0	106.0	107.5	2.1	2.79
Tetrachloroethene	LCSCAL931419	LCS931501	120.0	117.0	118.5	2.1	2.53
Tetrachloroethene	LCS931554	LCS931556	101.0	103.0	102.0	1.4	1.96
Tetrachloroethene	LCS933131	LCS933141	123.0	121.0	122.0	1.4	1.64
<b>Tetrachloroethene</b>	LCS933131	LCS933146	123.0	120.0	121.5	2.1	2.47
Tetrachloroethene	LCS933413	LCS933420	116.0	117.0	116.5	0.7	0.86
Tetrachloroethene	LCS933634	LCS933640	100.0	92.0	96.0	5.7	8.33
Tetrachloroethene	LCS934242	LCS934250	112.0	100.0 (X)	106.0	8.5	11.32
Tetrachloroethene	LCS934491	LCS934506	109.0	114.0	111.5	3.5	4.48
Tetrachloroethene	LCS934519	LCS934532	112.0	107.0	109.5	3.5	4.57
Tetrachloroethene	LCS934526	LCS934660	111.0	116.0	113.5	3.5	4.41
Tetrachloroethene	LCS934663	LCS934672	106.0	111.0	108.5	3.5	4.61
Tetrachloroethene	LCS934882	LCS934887	126.0	127.0	126.5	0.7	0.79
Tetrachloroethene	LCS934882	LCS934889	126.0	128.0	127.0	1.4	1.57
Tetrachloroethene	LCS934895	LCS934905	106.0	105.0	105.5	0.7	0.95
Tetrachloroethene	LCS93-850	LCS93934	88.0	107.0	97.5	13.4	19.49
Tribromomethane(Bromoform)	LCSCAL931094	LCS931163	88.0	85.0	86.5	2.1	3.47
Tribromomethane(Bromoform)	LCSCAL931294	LCS931309	52.0	57.0	54.5	3.5	9.17
Tribromomethane(Bromoform)	LCSCAL931330	LCS931336	0.06	95.0	92.5	3.5	5.41
Tribromomethane(Bromoform)	LCSCAL931359	LCS931368	0.06	86.0	88.0	2.8	4.55
Tribromomethane(Bromoform)	LCSCAL931419	LCS931501	78.0	82.0	80.0	2.8	5.00
Tribromomethane(Bromoform)	LCS931554	LCS931556	0.99	83.0	74.5	12.0	22.82
Tribromomethane(Bromoform)	LCS933131	LCS933141	64.0	70.0	67.0	4.2	8.96
Tribromomethane(Bromoform)	LCS933131	LCS933146	64.0	72.0	68.0	5.7	11.76
Tribromomethane(Bromoform)	LCS933413	LCS933420	0.79	61.0	64.0	4.2	9.38
Tribromomethane(Bromoform)	LCS933634	LCS933640	73.0	71.0	72.0	1.4	2.78
Tribromomethane(Bromoform)	LCS934242	LCS934250	80.0	70.0 (X)	75.0	7.1	13.33
Tribromomethane(Bromoform)	LCS934491	LCS934506	80.0	76.0	78.0	2.8	5.13
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 52
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	7	Uupilcate Commile ID		Uuplicate M-1	Mean	Standard	(10)
rarameter	Sample ID	sample 1D	¥a⊺ue	Value	Value	Deviation	KPU (%)
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Tribromomethane(Bromoform)	LCS934519	LCS934532	87.0	85.0	86.0	1.4	2.33
Tribromomethane(Bromoform)	LCS934526	LCS934660	102.0	0.66	100.5	2.1	2.99
Tribromomethane(Bromoform)	LCS934663	LCS934672	82.0	84.0	83.0	1.4	2.41
Tribromomethane(Bromoform)	LCS934882	LCS934887	81.0	79.0	80.0	1.4	2.50
Tribromomethane(Bromoform)	LCS934882	LCS934889	81.0	84.0	82.5	2.1	3.64
Tribromomethane(Bromoform)	LCS934895	LCS934905	81.0	76.0	78.5	3.5	6.37
Tribromomethane(Bromoform)	LCS93-850	LCS93934	0.67	88.0	83.5	6.4	10.78
Trichloroethene	LCSCAL931094	LCS931163	110.0	102.0	106.0	5.7	7.55
Trichloroethene	LCSCAL931294	LCS931309	94.0	0.06	92.0	2.8	4.35
Trichloroethene	LCSCAL931330	LCS931336	113.0.	117.0	115.0	2.8	3.48
Trichloroethene	LCSCAL931359	LCS931368	112.0	106.0	109.0	4.2	5.50
Trichloroethene	LCSCAL931419	LCS931501	111.0	97.0	104.0	6.6	13.46
Trichloroethene	LCS931554	LCS931556	91.0	92.0	91.5	0.7	1.09
Trichloroethene	LCS933131	LCS933141	110.0	109.0	109.5	0.7	0.91
Trichloroethene	LCS933131	LCS933146	110.0	109.0	109.5	0.7	0.91
Trichloroethene	LCS933413	LCS933420	103.0	102.0	102.5	0.7	0.98
Trichloroethene	LCS933634	LCS933640	0.66	0.06	94.5	6.4	9.52
Trichloroethene	LCS934242	LCS934250	110.0	93.0 (X)	101.5	12.0	16.75
Trichloroethene	LCS934491	LCS934506	110.0	116.0	113.0	4.2	5.31
Trichloroethene	LCS934519	LCS934532	106.0	106.0	106.0	0.0	00.00
Trichloroethene	LCS934526	LCS934660	. 107.0	106.0	106.5	0.7	0.94
Trichloroethene	LCS934663	LCS934672	104.0	109.0	106.5	3.5	4.69
Trichloroethene	LCS934882	LCS934887	110.0	118.0	114.0	5.7	7.02
Trichloroethene	LCS934882	LCS934889	110.0	114.0	112.0	2.8	3.57
Trichloroethene	LCS934895	LCS934905	0.66	98.0	98.5	0.7	1.02
Trichloroethene	LCS93-850	LCS93934	93.0	106.0	99.5	9.5	13.07
Trichlorofluoromethane	LCSCAL931094	LCS931163	0.96	79.0	87.5	12.0	19.43
Trichlorofluoromethane	LCSCAL931294	LCS931309	79.0	72.0	75.5	4.9	9.27
Trichlorofluoromethane	LCSCAL931330	LCS931336	94.0	91.0	92.5	2.1	3.24
Trichlorofluoromethane	LCSCAL931359	LCS931368	88.0	82.0	85.0	4.2	7.06
Trichlorofluoromethane	LCSCAL931419	LCS931501	0.96	84.0	90.0	8.5	13.33
Trichlorofluoromethane	LCS931554	LCS931556	77.0	76.0	76.5	0.7	1.31
Trichlorofluoromethane	LCS933131	LCS933141	93.0	95.0	92.5	0.7	1.08
Trichlorofluoromethane	LCS933131	LCS933146	93.0	89.0	91.0	2.8	4.40
Trichlorofluoromethane	LCS933413	LCS933420	92.0	93.0	92.5	0.7	1.08
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 53

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1	i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1
Trichlorofluoromethane	LCS933634	LCS933640	89.0	92.0	90.5	2.1	3.31
Trichlorofluoromethane	LCS934242	LCS934250	74.0	(X) 0.89	71.0	4.2	8.45
Trichlorofluoromethane	LCS934491	LCS934506	103.0	110.0	106.5	4.9	6.57
Trichlorofluoromethane	LCS934519.	LCS934532	0.66	88.0	93.5	7.8	11.76
Trichlorofluoromethane	LCS934526	LCS934660	93.0	92.0	92.5	0.7	1.08
Trichlorofluoromethane	LCS934663	LCS934672	106.0	100.0	103.0	4.2	5.83
Trichlorofluoromethane	LCS934882	LCS934887	94.0	94.0	94.0	0.0	0.00
Trichlorofluoromethane	LCS934882	LCS934889	94.0	101.0	97.5	4.9	7.18
Trichlorofluoromethane	LCS934895	LCS934905	97.0	0.76	97.0	0.0	0.00
Trichlorofluoromethane	LCS93-850	LCS93934	62.0	71.0	66.5	6.4	13.53
Vinyl chloride	LCSCAL931094	LCS931163	138.0	117.0	127.5	14.8	16.47
Vinyl chloride	LCSCAL931294	LCS931309	115.0	109.0	112.0	4.2	5.36
	LCSCAL931330	LCS931336	139.0	133.0	136.0	4.2	4.41
Vinyl chloride	LCSCAL931359	LCS931368	134.0	119.0	126.5	10.6	11.86
Vinyl chloride	LCSCAL931419	LCS931501	132.0	126.0	129.0	4.2	4.65
Vinyl chloride	LCS931554	LCS931556	118.0	114.0	116.0	2.8	3.45
Vinyl chloride	LCS93-850	LCS93934	88.0	100.0	94.0	8.5	12.77
cis-1,2-Dichloroethene	LCS933131	LCS933141	105.0	106.0	105.5	0.7	0.95
cis-1,2-Dichloroethene	LCS933131	LCS933146	105.0	104.0	104.5	0.7	0.96
cis-1,2-Dichloroethene	LCS933413	LCS933420	100.0	99.0	99.5	0.7	1.01
cis-1,2-Dichloroethene	LCS934242	LCS934250	106.0	93.0 (X)	99.5	9.2	13.07
cis-1,2-Dichloroethene	LCS934895	LCS934905	93.0	93.0	93.0	0.0	00.00
cis-1,3-Dichloropropene	LCSCAL931094	LCS931163	102.0	96.0	99.0	4.2	90.9
cis-1,3-Dichloropropene	LCSCAL931294	LCS931309	84.0	83.0	83.5	0.7	1.20
c1s-1,3-Dichloropropene	LCSCAL931330	LCS931336	107.0	102.0	104.5	3.5	4.78
c1s-1,3-Ulchloropropene	LCSCAL931359	LCS931368	0.86	92.0	95.0	4.2	6.32
c1s-1,3-Dichloropropene	LCSCAL931419	LCS931501	0.06	86.0	88.0	2.8	4.55
c1s-1,3-Dichloropropene	LCS931554	LCS931556	77.0	83.0	80.0	4.2	7.50
c1s-1,3-Dichloropropene	LCS933131	LCS933141	0.06	91.0	90.5	0.7	1.10
c1s-1,3-U1chloropropene	LCS933131	LCS933146	0.06	92.0	91.0	1.4	2.20
c1s-1,3-Dichloropropene	LCS933413	LCS933420	87.0	85.0	86.0	1.4	2.33
cis-1,3-Dichloropropene	LCS933634	LCS933640	89.0	83.0	86.0	4.2	6.98
c1s-1,3-Dichloropropene	LCS934242	LCS934250	89.0	77.0 (X)	83.0	8.5	14.46
cis-1,3-Dichloropropene	LCS934491	LCS934506	88.0	82.0	85.0	4.2	7.06
cis-1,3-Dichloropropene	LCS934519	LCS934532	98.0	95.0	96.5	2.1	3.11

() = Data Flag

ND = Not Detected

NC = Not Calculable

Compiled: 10 May 1994

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1	1 1 1
cis-1,3-Dichloropropene	LCS934526	LCS934660	83.0	83.0	83.0	0.0	0.00
cis-1,3-Dichloropropene	LCS934663	LCS934672	92.0	97.0	94.5	3.5	5.29
cis-1,3-Dichloropropene	LCS934882	LCS934887	89.0	0.06	89.5	0.7	1.12
cis-1,3-Dichloropropene	LCS934882	LCS934889	89.0	0.06	89.5	0.7	1.12
cis-1,3-Dichloropropene	LCS934895	LCS934905	94.0	91.0	92.5	2.1	3.24
cis-1,3-Dichloropropene	LCS93-850	LCS93934	73.0	86.0	79.5	9.5	16.35
trans-1,2-Dichloroethene	LCSCAL931094	LCS931163	113.0	107.0	110.0	4.2	5.45
trans-1,2-Dichloroethene	LCSCAL931294	LCS931309	91.0	88.0	89.5	2.1	3.35
trans-1,2-Dichloroethene	LCSCAL931330	LCS931336	116.0	117.0	116.5	0.7	0.86
trans-1,2-Dichloroethene	LCSCAL931359	LCS931368	110.0	101.0	105.5	6.4	8.53
trans-1,2-Dichloroethene	LCSCAL931419	LCS931501	95.0	0.06	92.5	3.5	5.41
trans-1,2-Dichloroethene	LCS931554	LCS931556	83.0	81.0	82.0	1.4	2.44
trans-1,2-Dichloroethene	LCS933131	LCS933141	112.0	109.0	110.5	2.1	2.71
trans-1,2-Dichloroethene	LCS933131	LCS933146	112.0	107.0	109.5	3.5	4.57
trans-1,2-Dichloroethene	LCS933413	LCS933420	106.0	104.0	105.0	1.4	1.90
trans-1,2-Dichloroethene	LCS933634	LCS933640	101.0	90.0	95.5	7.8	11.52
trans-1,2-Dichloroethene	LCS934242	LCS934250	105.0	92.0 (X)	98.5	9.2	13.20
trans-1,2-Dichloroethene	LCS934491	LCS934506	104.0	102.0	103.0	1.4	1.94
trans-1,2-Dichloroethene	LCS934519	LCS934532	106.0	102.0	104.0	2.8	3.85
trans-1,2-Dichloroethene	LCS934526	LCS934660	93.0	91.0	92.0	1.4	2.17
trans-1,2-Dichloroethene	LCS934663	LCS934672	104.0	107.0	105.5	2.1	2.84
trans-1,2-Dichloroethene	LCS934882	LCS934887	116.0	120.0	118.0	2.8	3.39
trans-1,2-Dichloroethene	LCS934882	LCS934889	116.0	114.0	115.0	1.4	1.74
trans-1,2-Dichloroethene	LCS934895	LCS934905	105.0	102.0	103.5	2.1	2.90
trans-1,2-Dichloroethene	LCS93-850	LCS93934	77.0	86.0	81.5	6.4	11.04
trans-1,3-Dichloropropene	LCSCAL931094	LCS931163	110.0	106.0	108.0	2.8	3.70
trans-1,3-Dichloropropene	LCSCAL931294	LCS931309	82.0	81.0	81.5	0.7	1.23
trans-1,3-Dichloropropene	LCSCAL931330	LCS931336	117.0	110.0	113.5	4.9	6.17
trans-1,3-Dichloropropene	LCSCAL931359	LCS931368	106.0	100.0	103.0	4.2	5.83
trans-1,3-Dichloropropene	LCSCAL931419	LCS931501	100.0	93.0	96.5	4.9	7.25
trans-1,3-Dichloropropene	LCS931554	LCS931556	82.0	88.0	85.0	4.2	7.06
trans-1,3-Dichloropropene	LCS933131	LCS933141	87.0	85.0	86.0	1.4	2.33
trans-1,3-Dichloropropene	LCS933131	LCS933146	87.0	88.0	87.5	0.7	1.14
trans-1,3-Dichloropropene	LCS933413	LCS933420	85.0	80.0	82.5	3.5	90.9
trans-1,3-Dichloropropene	LCS933634	LCS933640	93.0	85.0	89.0	5.7	8.99
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89~ 55

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1			1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1
trans-1,3-Dichloropropene	LCS934242	LCS934250	87.0	77.0 (X)	82.0	7.1	12.20
trans-1,3-Dichloropropene	LCS934491	LCS934506	85.0	83.0	84.0	1.4	2.38
trans-1,3-Dichloropropene	LCS934519	LCS934532	103.0	102.0	102.5	0.7	86.0
trans-1,3-Dichloropropene	LCS934526	LCS934660	83.0	79.0	81.0	2.8	4.94
trans-1,3-Dichloropropene	LCS934663	LCS934672	0.86	100.0	99.0	1.4	2.02
trans-1,3-Dichloropropene	LCS934882	LCS934887	0.06	89.0	89.5	0.7	1.12
trans-1,3-Dichloropropene	LCS934882	LCS934889	0.06	87.0	88.5	2.1	3,39
trans-1,3-Dichloropropene	LCS934895	LCS934905	95.0	93.0	94.0	1.4	2.13
trans-1,3-Dichloropropene	LCS93-850	LCS93934	77.0	89.0	83.0	8.5	14.46
Type = Matrix Spike Duplicate (ug/L)	ate (ug/L)						
1,1,2,2-Tetrachloroethane	05-MW-01-03 MS	05-MW-01-03 MSD	94.0	104.0	0.66	7 1	10 10
1,1,2,2-Tetrachloroethane	05-MW-14-01	05-MW-14-01	95.0	101.0	98.0	4.7	6 12
1,1,2,2-Tetrachloroethane	06-MW-07-01 MS	06-MW-07-01 MSD	85.0	89.0	87.0	8.	4.60
1,1,2,2-Tetrachloroethane	07-MW-02-DS-03 M	07-MW-02-DS-03 M	96.0	104.0	100.0	5.7	8.00
1,1,2,2-Tetrachloroethane	07-SW-03-01 MS	07-SW-03-01 MSD	87.0	84.0	85.5	2.1	3.51
1,1,2,2-Tetrachloroethane	08-GP-01-01	08-GP-01-01	92.0	87.0	89.5	3.5	5.59
1,1,2,2-Tetrachloroethane	08-SW-01-DS-01	08-SW-01-DS-01	0.06	92.0	91.0	1.4	2.20
1,1,2,2-letrachloroethane	09-MW-06-03 MS	09-MW-06-03 MSD	98.0	79.0	88.5	13.4	21.47
1,1,2,2-letrachloroethane	10-MW-01-03	10-MW-01-03	93.0	98.0	95.5	3.5	5.24
1,1,2,2-letrachloroethane		10-MW-01-03 MSD	78.0	88.0	83.0	7.1	12.05
1,1,2,2-letrachloroethane	12-MW-02-DS-03 M	12-MW-02-DS-03 M	78.0	79.0	78.5	0.7	1.27
1,1-Dichloroethene	05-MW-01-03 MS	05-MW-01-03 MSD	93.0	95.0	94.0	1.4	2.13
1,1-Dichloroethene	05-MW-14-01	05-MW-14-01	89.0	94.0	91.5	3.5	5.4
1,I-Dichloroethene		06-MW-07-01 MSD	111.0	112.0	111.5	0.7	06.0
1,1-Dichloroethene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.96	84.0	90.0	8.5	13.33
I,I-Dichloroethene	07-SW-03-01 MS	07-SW-03-01 MSD	95.0	109.0	102.0	6.6	13.73
1,1-Dichloroethene	08-GP-01-01	08-GP-01-01	92.0	0.06	91.0	1.4	2.20
1,1-Dichloroethene	08-SW-01-DS-01	08-SW-01-DS-01	111.0	114.0	112.5	2.1	2.67
1,1-Dichloroethene	09-MW-06-03 MS	09-MW-06-03 MSD	85.0	74.0	79.5	7.8	13.84
1,1-Dichloroethene	10-MW-01-03	10-MW-01-03	85.0	91.0	88.0	4.2	6.82
l,1-Dichloroethene		10-MW-01-03 MSD	89.0	92.0	90.5	2.1	3.31
l,l-Dichloroethene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	70.0	78.0	74.0	5.7	10.81
I,Z-Dichloroethane	05-MW-01-03 MS	05-MW-01-03 MSD	105.0	110.0	107.5	3.5	4.65
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected (	() = Data Flac				33 00
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1 1 1 1
1,2-Dichloroethane	05-MW-14-01	05-MW-14-01	94.0	98.0	96.0	2.8	4.17
1,2-Dichloroethane	06-MW-07-01 MS	06-MW-07-01 MSD	97.0	0.96	96.5	0.7	1.04
1,2-Dichloroethane	07-MW-02-DS-03 M	07-MW-02-DS-03 M	101.0	106.0	103.5	3.5	4.83
1,2-Dichloroethane	07-SW-03-01 MS	07-SW-03-01 MSD	92.0	0.96	94.0	2.8	4.26
1,2-Dichloroethane	08-GP-01-01	08-GP-01-01	92.0	91.0	91.5	0.7	1.09
1,2-Dichloroethane	08-SW-01-DS-01	08-SW-01-DS-01	91.0	92.0	91.5	0.7	1.09
1,2-Dichloroethane	09-MW-06-03 MS	09-MW-06-03 MSD	92.0	77.0	84.5	10.6	17.75
1,2-Dichloroethane	10-MW-01-03	10-MW-01-03	0.96	100.0	98.0	2.8	4.08
1,2-Dichloroethane	10-MW-01-03 MS	10-MW-01-03 MSD	84.0	88.0	86.0	2.8	4.65
1,2-Dichloroethane	12-MW-02-DS-03 M	12-MW-02-DS-03 M	86.0	84.0	85.0	1.4	2.35
1,2-Dichloropropane	05-MW-01-03 MS	05-MW-01-03 MSD	100.0	103.0	101.5	2.1	2.96
1,2-Dichloropropane	05-MW-14-01	05-MW-14-01	86.0	91.0	88.5	3.5	5.65
1,2-Dichloropropane	06-MW-07-01 MS	06-MW-07-01 MSD	97.0	101.0	0.66	2.8	4.04
1,2-Dichloropropane	07-MW-02-DS-03 M	07-MW-02-DS-03 M	97.0	102.0	99.5	3.5	5.03
1,2-Dichloropropane	07-SW-03-01 MS	07-SW-03-01 MSD	87.0	93.0	90.0	4.2	6.67
1,2-Dichloropropane	08-GP-01-01	08-GP-01-01	85.0	84.0	84.5	0.7	1.18
1,2-Dichloropropane	08-SW-01-DS-01	08-SW-01-DS-01	93.0	98.0	95.5	3.5	5.24
1,2-Dichloropropane	09-MW-06-03 MS	09-MW-06-03 MSD	0.78	79.0	83.0	5.7	9.64
1,2-Dichloropropane	10-MW-01-03	10-MW-01-03	93.0	98.0	95.5	3.5	5.24
1,2-Dichloropropane	10-MW-01-03 MS	10-MW-01-03 MSD	85.0	87.0	86.0	1.4	2.33
1,2-Dichloropropane	12-MW-02-DS-03 M	12-MW-02-DS-03 M	86.0	86.0	86.0	0.0	0.00
Carbon tetrachloride	05-MW-01-03 MS	05-MW-01-03 MSD	104.0	105.0	104.5	0.7	96.0
Carbon tetrachloride	05-MW-14-01	05-MW-14-01	92.0	95.0	93.5	2.1	3.21
Carbon tetrachloride	06-MW-07-01 MS	06-MW-07-01 MSD	112.0	113.0	112.5	0.7	0.89
Carbon tetrachloride	07-MW-02-DS-03 M	07-MW-02-DS-03 M	110.0	110.0	110.0	0.0	0.00
Carbon tetrachloride	07-SW-03-01 MS	07-SW-03-01 MSD	92.0	93.0	95.5	4.9	7.33
Carbon tetrachloride	. 08-GP-01-01	08-GP-01-01	0.68	88.0	88.5	0.7	1.13
Carbon tetrachloride	08-SW-01-DS-01	08-SW-01-DS-01	111.0	106.0	108.5	3.5	4.61
Carbon tetrachloride	09-MW-06-03 MS	09-MW-06-03 MSD	91.0	85.0	88.0	4.2	6.82
Carbon tetrachloride	10-MW-01-03	10-MW-01-03	95.0	101.0	98.0	4.2	6.12
Carbon tetrachloride	10-MW-01-03 MS	10-MW-01-03 MSD	93.0	95.0	94.0	1.4	2.13
Carbon tetrachloride	12-MW-02-DS-03 M	12-MW-02-DS-03 M	103.0	104.0	103.5	0.7	0.97
Chlorobenzene	05-MW-01-03 MS	05-MW-01-03 MSD	0.06	91.0	90.5	0.7	1.10
Chlorobenzene	05-MW-14-01	05-MW-14-01	85.0	88.0	86.5	2.1	3.47
Chlorobenzene	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	97.0	94.0	4.2	6.38
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 57

RQ. 58				() = Data Flag	ND = Not Detected	NC = Not Calculable	Compiled: 10 May 1994
9.52	6.4	94.5	0.66	0.06	07-SW-03-01 MSD	U/-SW-U3-UI MS	Lians-1,2-Dichioroethene
0.94	0.7	106.5	106.0	107.0	07-MW-02-DS-03 M	07-MW-02-DS-03 M	trans-1,2-Dichloroethene
4.65	3.5	107.5	110.0	105.0	06-MW-07-01 MSD	06-MW-07-01 MS	trans-1,2-Dichloroethene
5.59	3.5	89.5	92.0	87.0	05-MW-14-01	05-MW-14-01	trans-1,2-Dichloroethene
96.0	0.7	104.5	105.0	104.0	05-MW-01-03 MSD	05-MW-01-03 MS	trans-1, Z-Dichloroethene
1.18	0.7	84.5	84.0	85.0	12-MW-02-DS-03 M	12-MW-02-DS-03 M	rich oroethene
1.03	0.7	97.5	98.0	0.79	10-MW-01-03 MSD		Irichloroethene
7.77	5.7	103.0	107.0	0.66	10-MW-01-03	10-MW-01-03	rich oroethene
6.90	3.5	72.5	70.0	75.0	09-MM-00-03 MSD	09-MW-06-03 MS	richloroethene
1.00	0.7	100.5	101.0	100.0	08-SW-01-DS-01	08-SW-01-DS-01	rich oroethene
0.00	0.0	91.0	91.0	91.0	08-GP-01-01	08-GP-01-01	rich oroethene
7.25	4.9	96.5	100.0	93.0	07-SW-03-01 MSD	07-SW-03-01 MS	Trichloroethene
1.92	1.4	104.0	105.0	103.0	07-MW-02-DS-03 M	07-MW-02-DS-03 M	Trichloroethene
1.06	0.7	94.5	95.0	94.0	06-MW-07-01 MSD	06-MW-07-01 MS	Trichloroethene
4.21	2.8	95.0	97.0	93.0	05-MW-14-01	05-MW-14-01	Trichloroethene
1.83	1.4	109.0	110.0	108.0	05-MW-01-03 MSD	05-MW-01-03 MS	Trichloroethene
8.33	4.2	72.0	75.0	0.69	12-MW-02-DS-03 M	12-MW-02-DS-03 M	Dibromochloromethane
13.56	5.7	59.0	63.0	55.0	10-MW-01-03 MSD	10-MW-01-03 MS	Dibromochloromethane
7.91	4.9	88.5	92.0	85.0	10-MW-01-03	10-MW-01-03	Dibromochloromethane
15.38	7.8	71.5	66.0	77.0	09-MW-06-03 MSD	09-MW-06-03 MS	Dibromochloromethane
1.12	0.7	89.5	89.0	0.06	08-SW-01-DS-01	08-SW-01-DS-01	Dibromochloromethane
1.29	0.7	77.5	77.0	78.0	08-GP-01-01	08-GP-01-01	Dibromochloromethane
8.81	9 <del>5</del>	79.5	83.0	76.0	07-SW-03-01 MSD	07-SW-03-01 MS	Dibromochloromethane
5.29		94.5	97.0	92.0	07-MW-02-DS-03 M	07-MW-02-DS-03 M	Dibromochloromethane
1.24	0.7	80.5	81.0	80.0	06-MW-07-01 MSD	06-MW-07-01 MS	Dibromochloromethane
5.85	3.5	85.5	88.0	83.0	05-MW-14-01	05-MW-14-01	Dibromochloromethane
7.33	4.9	95.5	0.66	92.0	05-MW-01-03 MSD	05-MW-01-03 MS	Dibromochloromethane
2.20	1.4	91.0	92.0	0.06	12-MW-02-DS-03 M	12-MW-02-DS-03 M	Chlorobenzene
2.47	1.4	81.0	80.0	82.0	10-MW-01-03 MSD	10-MW-01-03 MS	Chlorobenzene
7,06	4.2	85.0	88.0	82.0	10-MW-01-03	10-MW-01-03	Chlorobenzene
13.66	7.8	80.5	75.0	86.0	09-MW-06-03 MSD	09-MW-06-03 MS	Chlorobenzene
1.01	0.7	99.5	0.66	100.0	08-SW-01-DS-01	08-SW-01-DS-01	Chlorobenzene
2.50	1.4	80.0	79.0	81.0	08-GP-01-01	08-GP-01-01	Chlorobenzene
21,38	12.0	79.5	88.0	71.0	07-SW-03-01 MSD	07-SW-03-01 MS	Chlorobenzene
9.63	6.4	93.5	98.0	0.68	07-MW-02-DS-03 M	07-MW-02-DS-03 M	Chlorobenzene
RPD (%)	Deviation	Value	Value	value	or aldupo		
	Standard	Mean	Duplicate	;	Duplicate	Came John TD	Рагашетег

			*				
		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
8 2 5 6 8 1 1 1 2 4	+ + + + + + + + + + + + + + + + + + +	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	 
trans-1,2-Dichloroethene	08-GP-01-01	08-GP-01-01	0.68	87.0	88.0	1.4	2.27
trans-1,2-Dichloroethene	08-SW-01-DS-01	08-SW-01-DS-01	111.0	112.0	111.5	0.7	06.0
trans-1,2-Dichloroethene	09-MW-06-03 MS	09-MW-06-03 MSD	93.0	83.0	88.0	7.1	11.36
trans-1,2-Dichloroethene	10-MW-01-03	10-MW-01-03	95.0	103.0	99.0	5.7	8.08
trans-1,2-Dichloroethene	10-MW-01-03 MS	10-MW-01-03 MSD	92.0	94.0	93.0	1.4	2.15
trans-1,2-Dichloroethene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	76.0	90.0	83.0	9.9	16.87
Method = SW8015 - Nonhalogenated Volatile Organics	ed Volatile Organics						
Type = Field Duplicate (mg/L)	(1)						
2-Butanone(MEK)	02-GW-03-03	02-GW-03-DS-03	QN	QN	S	S	SC
2-Butanone(MEK)	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	SC	NC
2-Butanone(MEK)	05-MW-14-01	05-MW-14-DS-01	DN	ON	NC	SC	NC
2-Butanone(MEK)	07-MW-02-03	07-MW-02-DS-03	۵N	ON	NC	NC	NC
2-Butanone(MEK)	08-SW-01-01	08-SW-01-DS-01	Q	QN	NC	NC	SC
2-Butanone(MEK)	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	02-GW-03-03	02-GW-03-DS-03	ON	ON	S	NC	S
4-Methyl-2-pentanone(MIBK)	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	NC	SC
4-Methyl-2-pentanone(MIBK)	05-MW-14-01	05-MW-14-DS-01	Q	QN	S	NC	NC
4-Methyl-2-pentanone(MIBK)	07-MW-02-03	07-MW-02-DS-03	Q	ON	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	08-SW-01-01	08-SW-01-DS-01	Q.	Q	NC	NC	NC
4-Methyl-2-pentanone(MIBK)	12-MW-02-03	12-MW-02-DS-03	ON	ON	NC	NC	NC
Ethanol	02-GW-03-03	02-GW-03-DS-03	ON	ON	NC	NC	NC
Ethanol	05-MW-03-03	05-MW-03-DS-03	ON	NO	NC	NC	NC
Ethanol	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	NC	NC
Ethanol	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	NC	NC
Ethanol	08-SW-01-01	08-SW-01-DS-01	QN	ON	NC	NC	NC
Ethanol	12-MW-02-03	12-MW-02-DS-03	S	QN	NC	NC	SC
Ethyl ether	02-GW-03-03	02-GW-03-DS-03	Q	N	NC	NC	NC
Ethyl ether	05-MW-03-03	05-MW-03-DS-03	Q.	S	NC	NC	NC
Ethyl ether	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	NC
Ethyl ether	07-MW-02-03	07-MW-02-DS-03	Ö.	Q	NC	S	NC
Ethyl ether	08-SW-01-01	08-SW-01-DS-01	ON	ND	NC	NC	NC
Ethyl ether	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 59

Parameter	Sample ID		Duplicate Sample ID		Value	Duplicate Value	Mean	Standard	(%) Udb
1 t t t t t t t t t t t t t t t t t t t					) ; 5 t - t 5 i	t 1	D	מפאומרוסוו	(%) Q1V
Type = Laboratory Control Duplicate (mg/L)	uplicate (mg/	7							
2-Butanone(MEK)	LCS931071 [10903	10903	LCSD931071	[1090	103.0	103.0	103.0	0.0	0.00
2-Butanone(MEK)	LCS931072 [	[10903	LCSD931072	[1090	104.0	106.0	105.0	1.4	1.90
2-Butanone(MEK)	LCS931264	[109	LCSD931264	[109	103.0	100.0	101.5	2.1	2.96
2-Butanone(MEK)	LCS931397	[CH1	LCSD931397	[CH1	98.0	100.0	0.66	1.4	2.02
2-Butanone(MEK)		[CH1090393 LCS	1CSD933096	[CH1090393 LCS	97.0	99.0	98.0	1.4	2.04
2-Butanone(MEK)	TCS933560 [(	[CH1690393 LCS]K	LCSD933560	[CH1690393 LCSD	101.0	103.0	102.0	1.4	1.96
2-Butanone(MEK)	LCS934720	[CH1910393 LCS	LCSD934720	[CH1910393 LCS	0.66	100.0	99.5	0.7	1.01
2-Butanone(MEK)	LCS935016	[CH1910393 LCS	LCSD935016	[CH1910393 LCS	106.0	103.0	104.5	2.1	2.87
4-Methyl-2-pentanone(MIBK)		[10903	LCSD931071	[1090	98.0	98.0	98.0	0.0	00.00
4-Methyl-2-pentanone(MIBK)		[10903	LCSD931072	[1090	99.0	0.66	0.66	0.0	0.00
4-Methyl-2-pentanone(MIBK)	LCS931264	[109	LCSD931264	[109	98.0	95.0	96.5	2.1	3.11
4-Methyl-2-pentanone(MIBK)	LCS931397	[CH1	LCSD931397	[CH1	93.0	95.0	94.0	1.4	2.13
4-Methyl-2-pentanone(MIBK)		[CH1090393 LCS	100033096	[CH1090393 LCS	93.0	94.0	93.5	0.7	1.07
4-Methyl-2-pentanone(MIBK)		[CH1690393 LCS]K	LCSD933560	[CH1690393 LCSD	98.0	100.0	0.66	1.4	2.02
4-Methyl-2-pentanone(MIBK)	LCS934720	[CH1910393 LCS	LCSD934720	[CH1910393 LCS	100.0	98.0	0.66	1.4	2.02
4-Methyl-2-pentanone(MIBK)		[CH1910393 LCS	LCSD935016	[CH1910393 LCS	104.0	101.0	102.5	2.1	2.93
Ethanol		[10903	LCSD931071	[1090	103.0	103.0	103.0	0.0	00.00
Ethanol		[10903	LCSD931072	[1090	105.0	106.0	105.5	0.7	0.95
Ethanol	LCS931264	[109	LCSD931264	[109	105.0	101.0	103.0	2.8	3.88
Ethanol	LCS931397	[CH1	LCSD931397	[CH1	99.0	101.0	100.0	1.4	2.00
Ethanol	96088637	[CH1090393 LCS	LCSD933096	[CH1090393 LCS	0.96	0.66	97.5	2.1	3.08
Ethanol		[CH1690393 LCS]K	LCSD933560	[CH1690393 LCSD	102.0	104.0	103.0	1.4	1.94
Ethanol	LCS934720	[CH1910393 LCS	LCSD934720	[CH1910393 LCS	101.0	102.0	101.5	0.7	0.99
Ethanol	LCS935016	[CH1910393 LCS	LCSD935016	[CH1910393 LCS	108.0	105.0	106.5	2.1	2.85
Ethyl ether		[10903	LCSD931071	[1090	105.0	104.0	104.5	0.7	96.0
Ethyl ether	LCS931072 [1	[10903	LCSD931072	[1090	107.0	109.0	108.0	1.4	1.85
Ethyl ether	LCS931264	[109	LCSD931264	[109	104.0	102.0	103.0	1.4	1.94
Ethyl ether	LCS931397	[CH1	LCSD931397	[CH1	0.66	100.0	99.5	0.7	1.01
			100000000	[CH1090393 LCS	97.0	0.66	98.0	1.4	2.04
		[CH1690393 LCS]K	LCSD933560	[CH1690393 LCSD	106.0	107.0	106.5	0.7	0.94
	LCS934720	[CH1910393 LCS	LCSD934720	[CH1910393 LCS	93.0	93.0	93.0	0.0	00.00
Ethyl ether	LCS935016	[CH1910393 LCS	LCSD935016	[CH1910393 LCS	102.0	0.96	0.66	4.2	90.9
Compiled: 10 May 1994	NC = Not Ca	Not Calculable ND	= Not Detected	ted () = Data	Flad				000
				; <b>'</b>	5 5 -				

Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition   Composition	Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
b Deplicate (mg/l.)    Co-NW-01-03 MS   Sy.0   Sy.	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1			 	 
CF-MA-01-03 NS   CF-MA-01-03 NSD   GF-MA-01-03	Type = Matrix Spike Duplicat	te (mg/L)						
CI-MW-14-01   CI-MW-14-01   SI-D	2-Butanone(MEK)	05-MW-01-03 MS	05-MW-01-03 MSD	97.0	97.0	97.0	0.0	0.00
O'-Ww-01-03 KS   O'-Ww-01-03 KS   O'-Ww-01-03 KS   O'-Ww-01-03 KS   O'-Ww-01-03 KS   O'-Ww-01-03 KS   O'-Ww-01-03 KS   O'-Ww-02-03-03 K   O'-Ww-01-03-03 KS   O'-Ww-01-03-03 KS   O'-Ww-01-03-03 KS   O'-Ww-01-03 KS   O'-Ww-01-03-03 KS   O'-Ww-01-03	2-Butanone(MEK)	05-MW-14-01	05-MW-14-01	95.0	93.0	94.0	1.4	2.13
07-NH-02-D5-D3 N 07-NH-02-D5-D3 N 99.0 100.0 99.5 0.7 C 90.2 C 90.7 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 90.2 C 9	2-Butanone(MEK)	07-MW-01-03 MS	07-MW-01-03 MSD	94.0	98.0	0.96	2.8	4.17
OF-NWL-04-03 NS   OF-NWL-04-03 NS   OF-NWL-04-03 NS   OF-NWL-04-04 NS   OF-NWL-04-04 NS   OF-NWL-04-04 NS   OF-NWL-04-04 NS   OF-NWL-04-04 NS   OF-NWL-04-04 NS   OF-NWL-04-04 NS   OF-NWL-04-05 NS   OF-NWL-04-04 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-05 NS   OF-NWL-04-	2-Butanone(MEK)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.66	100:0	99.5	0.7	1.01
Obs. Mar. Obs. Obs. Obs. Obs. Obs. Obs. Obs. Obs	2-Butanone(MEK)	07-MW-04-03 MS	07-MW-04-03 MSD	95.0	93.0	94.0	1.4	2.13
12-NM-02-DS-03 H   12-NM-02-DS-03 H   91.0   99.5   2.1	2-Butanone(MEK)	08-SW-01-DS-01	08-SW-01-DS-01	100.0	101.0	100.5	0.7	1.00
	2-Butanone(MEK)	09-MW-01-03 MS	09-MW-01-03 MSD	98.0	101.0	99.5	2.1	3.02
E(MIBK)         GG-WW-01-03 MS         GG-WW-01-03 MS         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0 <t< td=""><td>2-Butanone(MEK)</td><td></td><td>12-MW-02-DS-03 M</td><td>97.0</td><td>98.0</td><td>97.5</td><td>0.7</td><td>1.03</td></t<>	2-Butanone(MEK)		12-MW-02-DS-03 M	97.0	98.0	97.5	0.7	1.03
E(HIBK)         05-NW-14-01         05-NW-14-01         96.0         94.0         95.0         1.4           E(HIBK)         07-NW-01-03 NS         07-NW-14-01         05-NW-14-01         97.0         100.0         98.5         2.1           E(HIBK)         07-NW-01-03 NS         07-NW-01-03-03 NS         07-NW-01-03 NS         92.0         100.0         99.5         2.1           E(MIBK)         07-NW-01-03 NS         07-NW-01-03 NS         98.0         101.0         99.5         0.7           E(MIBK)         08-NW-01-03 NS         08-NW-01-03 NS         98.0         101.0         99.5         0.7           E(MIBK)         08-NW-01-03 NS         08-NW-01-03 NS         98.0         99.0         99.0         0.7           E(MIBK)         08-NW-01-03 NS         08-NW-01-03 NS         98.0         99.0         99.0         0.7           E(MIBK)         08-NW-01-03 NS         07-NW-01-03 NS         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0	4-Methyl-2-pentanone(MIBK)	05-MW-01-03 MS	05-MW-01-03 MSD	97.0	97.0	97.0	0.0	0.00
E(MIBK)         07-WM-01-03 MS         97.0         100.0         98.5         2.1           E(MIBK)         07-WM-02-D5-03 M         07-WW-01-03 MS         99.0         100.0         99.5         2.1           E(MIBK)         07-WM-02-D5-03 M         07-WM-01-D5-01         100.0         100.0         99.5         0.7           E(MIBK)         09-WM-01-D3 MS         09-WM-01-D5-01         100.0         101.0         99.5         0.7           E(MIBK)         09-WM-01-D3 MS         09-WM-01-D3 MS         98.0         98.0         99.0         97.0         1.4           E(MIBK)         12-WM-02-D5-03 M         12-WM-02-D5-03 M         98.0         98.0         99.0         97.0         1.4           OF-WM-10-D3 MS         09-WM-10-D3 MS         98.0         98.0         98.0         98.5         0.7           OF-WM-10-D3 MS         07-WM-01-D3 MS         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0 <th< td=""><td>4-Methyl-2-pentanone(MIBK)</td><td>05-MW-14-01</td><td>05-MW-14-01</td><td>0.96</td><td>94.0</td><td>95.0</td><td>1.4</td><td>2.11</td></th<>	4-Methyl-2-pentanone(MIBK)	05-MW-14-01	05-MW-14-01	0.96	94.0	95.0	1.4	2.11
E(M1BK)         07-MW-02-DS-03 M         07-MW-02-DS-03 M         99.0         100.0         99.5         0.7           E(M1BK)         07-MW-02-DS-03 MS         07-MW-02-DS-03 MS         92.0         91.0         99.5         0.7           E(M1BK)         07-MW-02-03 MS         09-MW-01-03 MS         98.0         99.0         101.0         99.5         2.1           E(M1BK)         09-MW-01-03 MS         09-MW-01-03 MS         98.0         98.0         99.0         1.4           E(M1BK)         12-MW-02-DS-03 M         12-MW-02-DS-03 M         12-MW-01-03 MS         98.0         99.0         99.0         1.4           OF-MW-01-03 MS         05-MW-10-03 MS         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         1.4           OF-MW-01-03 MS         07-MW-01-03 MS         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0	4-Methyl-2-pentanone(MIBK)	07-MW-01-03 MS	07-MW-01-03 MSD	97.0	100.0	98.5	2.1	3.05
E(M1BK)         0.7-MM-04-03 MS         92.0         91.0         91.5         0.7           E(M1BK)         0.8-M-01-05-01         0.6-SH-01-05-01         0.0-MM-04-03 MSD         92.0         91.0         91.5         0.7           E(M1BK)         0.9-M-01-05-01         0.8-SH-01-05-03         M SD-MM-01-03 MSD         98.0         101.0         99.5         2.1         99.5         2.1           E(M1BK)         12-MM-02-05-03 M         12-MM-01-03 MSD         98.0         98.0         99.0         101.0         99.5         2.1           O5-MM-14-01         05-MM-14-01         05-MM-14-01         94.0         94.0         94.0         94.0         96.0           O5-MM-14-01         05-MM-14-01         05-MM-14-01         94.0         94.0         94.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0	4-Methyl-2-pentanone(MIBK)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.66	100.0	99.8	0.7	1.01
e(M18K)         08-SW-01-D5-O1         08-SW-01-D5-O1         100.0         101.0         100.5         0.7           e(M18K)         08-WM-01-O3 MS         09-MM-01-D3 MS         98.0         101.0         99.5         2.1           e(M18K)         10-MM-01-O3 MS         10-MM-01-D3 MS         98.0         98.0         99.5         2.1           05-MM-01-O3 MS         05-MM-01-O3 MS         98.0         98.0         98.0         98.5         0.7           05-MM-14-O1         05-MM-14-O1         94.0         94.0         94.0         94.0         0.7           05-MM-14-O1         05-MM-14-O1         98.0         98.0         98.0         98.5         0.7           05-MM-14-O1         05-MM-10-O3 MS         07-MM-02-O5-O3 M         99.0         100.0         96.0         1.4           07-MM-01-O3 MS         07-MM-01-O3 MS         99.0         100.0         97.0         97.0         97.0         0.7           05-MM-11-O3 MS         05-MM-14-O1         07-MM-01-O3 MS         07-MM-01-O3 MS         99.0         97.0         97.0         0.7           05-MM-14-O1         05-MM-14-O1         07-MM-02-O5-O3 M         07-MM-02-O5-O3 M         07-MM-02-O5-O3 M         07-MM-02-O5-O3 M         07-MM-02-O5-O3 M	4-Methyl-2-pentanone(MIBK)	07-MW-04-03 MS	07-MW-04-03 MSD	92.0	91.0	91.5	0.7	1.09
E(MIBK)         09-MW-01-03 MS         09-MW-01-03 MS         98.0         101.0         99.5         2.1           E(MIBK)         12-MW-02-DS-03 M         13-MW-02-DS-03 M         96.0         98.0         97.0         1.4           05-MW-01-03 MS         05-MW-01-03 MS         05-MW-01-03 MS         99.0         99.0         97.0         1.4           07-MW-01-03 MS         07-MW-01-03 MS         99.0         100.0         99.5         2.1           07-MW-02-DS-03 M         07-MW-02-DS-03 M         07-MW-02-DS-03 M         99.0         100.0         99.5         0.7           07-MW-02-DS-03 M         07-MW-02-DS-03 M         07-MW-02-DS-03 M         12-MW-02-DS-03 M         100.0         101.0         100.5         0.7           08-SW-01-DS-01         08-SW-01-DS-01         100.0         101.0         101.0         100.5         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.0         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7         0.7	4-Methyl-2-pentanone(MIBK)	08-SW-01-DS-01	08-SW-01-DS-01	. 100.0	101.0	100.5	0.7	1.00
e(M1BK)         12-MW-02-DS-03 M         12-MW-02-DS-03 M         96.0         98.0         97.0         1.4           05-MW-01-03 NS         05-MW-01-03 NS         98.0         98.0         99.0         99.0         10.7           05-MW-01-03 NS         05-MW-01-03 NS         98.0         98.0         96.5         2.1           07-MW-01-03 NS         07-MW-02-DS-03 M         99.0         100.0         99.5         0.7           07-MW-01-03 NS         07-MW-02-DS-03 M         07-MW-02-DS-03 M         99.0         100.0         96.5         2.1           08-SW-01-DS-01         08-SW-01-DS-01         100.0         101.0         100.0         99.0         100.0         99.0         100.0         1.4           08-NW-01-DS-03 M         09-NW-01-DS-03 M         12-MW-02-DS-03 M         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0	4-Methyl-2-pentanone(MIBK)	09-MW-01-03 MS	09-MW-01-03 MSD	98.0	101.0	99.5	2.1	3.05
05-MW-01-03 MS         05-MW-01-03 MS         98.0         99.0         99.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         9	4-Methyl-2-pentanone(MIBK)	12-MW-02-DS-03 M	12-MW-02-DS-03 M	0.96	98.0	97.0	1.4	2.06
05-MW-14-01         05-MW-14-01         05-MW-14-01         94.0         94.0         94.0         0.0           07-WW-01-03 MS         07-WW-01-03 MSD         95.0         98.0         96.5         2.1           07-WW-01-03 MS         07-WW-01-03 MSD         99.0         100.0         99.5         0.7           07-WW-02-DS-03 M         07-WW-01-DS-01         100.0         101.0         100.5         0.7           08-SW-01-DS-01         08-SW-01-DS-01         100.0         100.0         100.5         0.7           08-SW-01-DS-01         08-SW-01-DS-01         100.0         100.0         100.5         0.7           08-SW-01-DS-03         08-SW-01-DS-03         09.0         100.0         100.0         100.0           05-WW-14-01         05-WW-14-01         84.0         89.0         99.0         90.0           05-WW-14-03         05-WW-14-01         84.0         83.0         83.5         0.7           05-WW-14-03         07-WW-02-DS-03 M         101.0         102.0         104.5         0.7           07-WW-04-03 MS         07-WW-04-03 MSD         100.0         101.0         100.5         0.7           09-WW-01-03 MS         09-WW-01-03 MSD         100.0         101.0         100.0<	Ethanol	05-MW-01-03 MS	05-MW-01-03 MSD	98.0	0.66	98.5	0.7	1.02
07-WW-01-03 MS         07-WW-01-03 MS         95.0         98.0         96.5         2.1           07-WW-02-DS-03 M         07-WW-02-DS-03 M         99.0         100.0         99.5         2.1           07-WW-02-DS-03 M         07-WW-02-DS-03 M         97.0         95.0         96.0         1.4           08-SW-01-DS-01         08-SW-01-DS-01         100.0         101.0         100.5         0.7           12-WW-02-DS-01         08-SW-01-DS-01         100.0         101.0         101.0         100.5         0.7           12-WW-02-DS-03 M         12-WW-02-DS-03 M         12-WW-02-DS-03 M         05-WW-14-01         84.0         83.0         83.5         0.7           07-WW-01-03 MS         07-WW-02-DS-03 M         07-WW-02-DS-03 M         101.0         102.0         101.5         0.7           07-WW-01-03 MS         07-WW-01-DS-01         98.0         93.0         93.0         92.5         0.7           08-SW-01-DS-01         08-SW-01-DS-01         98.0         101.0         101.0         101.0         101.0           12-WW-02-DS-03 M         12-WW-02-DS-03 M         12-WW-02-DS-03 M         100.0         101.0         104.0         101.0           12-WW-02-DS-03 M         12-WW-02-DS-03 M         12-WW-02-DS-03 M <td>Ethanol</td> <td>05-MW-14-01</td> <td>05-MW-14-01</td> <td>94.0</td> <td>94.0</td> <td>94.0</td> <td>0.0</td> <td>0.00</td>	Ethanol	05-MW-14-01	05-MW-14-01	94.0	94.0	94.0	0.0	0.00
07-WW-02-DS-03 M         07-WW-02-DS-03 M         99.0         100.0         99.5         0.7           07-WW-04-03 NS         07-WW-04-03 NSD         97.0         95.0         96.0         1.4           08-SW-01-DS-01         100.0         101.0         100.5         0.7           09-WW-01-DS-01         08-SW-01-DS-01         100.0         101.0         2.8           12-WW-02-DS-03 M         12-WW-02-DS-03 M         99.0         99.0         99.0         99.0           05-WW-01-03 NS         05-WW-01-03 NSD         97.0         97.0         97.0         97.0         0.0           05-WW-01-03 NS         05-WW-01-03 NSD         104.0         105.0         104.5         0.7           07-WW-01-03 NS         07-WW-01-03 NSD         86.0         85.0         85.5         0.7           07-WW-01-03 NS         07-WW-01-03 NSD         100.0         100.5         100.5         0.7           09-WW-01-03 NS         09-WW-01-03 NS         100.0         100.0         100.5         0.7           12-WW-02-DS-03 M         12-WW-02-DS-03 M         100.0         100.0         100.0         100.0           12-WW-02-DS-03 M         12-WW-02-DS-03 M         12-WW-02-DS-03 M         100.0         101.0 <td< td=""><td>Ethanol</td><td>07-MW-01-03 MS</td><td>07-MW-01-03 MSD</td><td>95.0</td><td>98.0</td><td>96.5</td><td>2.1</td><td>3.11</td></td<>	Ethanol	07-MW-01-03 MS	07-MW-01-03 MSD	95.0	98.0	96.5	2.1	3.11
09-MW-04-03 MS 07-MW-04-03 MSD 97.0 95.0 95.0 1.4   08-SW-01-DS-01 08-SW-01-DS-01 100.0 101.0 101.0 100.5 0.7   09-MW-01-03 MS 09-MW-01-03 MSD 99.0 103.0 101.0 2.8   12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 99.0 99.0 99.0 99.0 0.0   05-MW-01-03 MS 05-MW-01-03 MSD 97.0 97.0 97.0 97.0 0.0   05-MW-01-03 MS 07-MW-01-03 MSD 104.0 105.0 106.0 104.5 0.7   07-MW-02-DS-03 M 07-MW-02-DS-03 M 101.0 102.0 101.5 0.7   07-MW-04-03 MS 07-MW-04-03 MSD 86.0 85.0 85.0 0.7   09-SW-01-DS-01 08-SW-01-DS-01 99.0 101.0 101.0 100.0 100.0 100.5 0.7   12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 101.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1	Ethanol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	99.0	100.0	99.5	0.7	1.01
08-SW-01-DS-01 08-SW-01-DS-01 100.0 101.0 100.5 0.7 09-MW-01-03 MS 09-MW-01-03 MSD 99.0 103.0 101.0 2.8 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 99.0 99.0 99.0 0.0 05-MW-14-01 05-MW-01-03 MSD 05-MW-01-03 MSD 104.0 105.0 105.0 104.5 0.7 07-MW-01-03 MS 07-MW-01-03 MSD 104.0 105.0 105.0 104.5 0.7 07-MW-04-03 MS 07-MW-02-DS-03 M 101.0 102.0 102.0 101.5 0.7 07-MW-04-03 MS 09-MW-01-DS-01 92.0 93.0 93.0 92.5 0.7 09-MW-01-DS-01 MS 09-MW-01-03 MSD 100.0 101.0 101.0 100.5 0.7 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 101.0 100.0 11.4	Ethanol	07-MW-04-03 MS	07-MW-04-03 MSD	97.0	95.0	96.0	1.4	2.08
09-MW-01-03 MS         09-MW-01-03 MS         99.0         103.0         101.0         2.8           12-MW-02-DS-03 M         12-MW-02-DS-03 M         99.0         99.0         99.0         0.0           05-MW-01-03 MS         05-MW-01-03 MSD         97.0         97.0         97.0         0.0           05-MW-14-01         05-MW-14-01         84.0         84.0         83.0         97.0         0.0           07-MW-14-01         05-MW-14-01         05-MW-14-01         84.0         83.0         97.0         0.7           07-MW-02-DS-03 M         07-MW-02-DS-03 M         104.0         105.0         104.5         0.7           07-MW-04-03 MS         07-MW-04-03 MSD         86.0         85.0         85.5         0.7           08-SW-01-DS-01         08-SW-01-DS-01         92.0         93.0         92.5         0.7           09-MW-01-03 MS         12-MW-02-DS-03 M         12-MW-02-DS-03 M         12-MW-02-DS-03 M         100.0         101.0           NC = Not Calculable         ND = Not Detected         () = Data Flag         99.0         101.0         10.0	Ethanol	08-SW-01-DS-01	08-SW-01-DS-01	100.0	101.0	100.5	0.7	1.00
12-MW-02-DS-03 M       12-MW-02-DS-03 M       99.0       99.0       0.0         05-MW-01-03 MS       05-MW-01-03 MSD       97.0       97.0       97.0       0.0         05-MW-14-01       05-MW-01-03 MSD       84.0       83.0       83.5       0.7         07-MW-01-03 MS       07-MW-01-03 MSD       101.0       105.0       104.5       0.7         07-MW-02-DS-03 M       07-MW-02-DS-03 M       101.0       102.0       101.5       0.7         07-MW-04-03 MS       07-MW-04-03 MSD       86.0       85.0       85.5       0.7         08-SW-01-DS-01       08-SW-01-DS-01       92.0       93.0       92.5       0.7         12-MW-02-DS-03 M       12-MW-02-DS-03 M       100.0       101.0       100.5       0.7         NC = Not Calculable       ND = Not Detected       () = Data Flag       89.0       101.0       100.0       1.4	Ethanol	09-MW-01-03 MS	09-MW-01-03 MSD	0.66	103.0	101.0	2.8	3.96
05-MW-01-03 MS 05-MW-01-03 MSD 97.0 97.0 97.0 0.0 05-MW-14-01 05-WW-14-01 84.0 83.0 83.5 0.7 07-MW-01-03 MS 07-MW-02-DS-03 M 101.0 102.0 104.5 0.7 07-MW-02-DS-03 M 07-MW-02-DS-03 M 101.0 102.0 101.5 0.7 07-MW-04-03 MS 07-MW-04-03 MSD 86.0 85.0 85.0 93.0 08-SW-01-DS-01 08-SW-01-DS-01 92.0 93.0 92.5 0.7 09-MW-01-03 MS 09-MW-01-03 MSD 100.0 101.0 100.0 100.5 0.7 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 100.0 1.4	Ethanol		12-MW-02-DS-03 M	0.66	0.66	99.0		00.00
05-MW-14-01 05-MW-14-01 07-MW-01-03 MS 07-MW-01-03 MS 07-MW-01-03 MS 07-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-02-DS-03 M 07-MW-04-03 MS 08-SW-01-DS-01 08-SW-01-DS-01 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MW-01-03 MS 09-MS  Ethyl ether	05-MW-01-03 MS	05-MW-01-03 MSD	97.0	97.0	97.0		0.00	
07-MW-01-03 MS 07-MW-01-03 MSD 104.0 105.0 104.5 0.7 07-MW-02-DS-03 M 101.0 102.0 101.5 0.7 07-MW-02-DS-03 M 101.0 102.0 101.5 0.7 07-MW-04-03 MS 07-MW-04-03 MSD 86.0 85.0 85.0 0.7 08-SW-01-DS-01 08-SW-01-DS-01 92.0 93.0 92.5 0.7 09-MW-01-03 MSD 100.0 101.0 101.0 100.5 0.7 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 100.0 1.4 B9-Not Calculable ND = Not Detected () = Data Flag	Ethyl ether	05-MW-14-01	05-MW-14-01	84.0	83.0	83.5	0.7	1.20
07-MW-02-DS-03 M 07-MW-02-DS-03 M 101.0 102.0 101.5 0.7 07-MW-04-03 MS 07-WW-04-03 MSD 86.0 85.0 85.0 0.7 08-SW-01-DS-01 08-SW-01-DS-01 92.0 93.0 92.5 0.7 09-MW-01-03 MS 09-MW-01-03 MSD 100.0 101.0 100.5 0.7 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 100.0 1.4  NC = Not Calculable ND = Not Detected () = Data Flag	Ethyl ether	07-MW-01-03 MS	07-MW-01-03 MSD	104.0	105.0	104.5		0.96
07-MW-04-03 MS 07-MW-04-03 MSD 86.0 85.0 85.5 0.7 08-SW-01-DS-01 08-SW-01-DS-01 92.0 93.0 92.5 0.7 09-MW-01-03 MS 09-MW-01-03 MSD 100.0 101.0 100.5 0.7 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 100.0 1.4  NC = Not Calculable ND = Not Detected () = Data Flag	Ethyl ether	07-MW-02-DS-03 M	07-MW-02-DS-03 M	101.0	102.0	101.5		0.99
08-SW-01-DS-01 08-SW-01-DS-01 92.0 93.0 92.5 0.7 09-MW-01-03 MS 09-MW-01-03 MSD 100.0 101.0 100.5 0.7 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 100.0 1.4  NC = Not Calculable ND = Not Detected () = Data Flag		07-MW-04-03 MS	07-MW-04-03 MSD	86.0	85.0	85.5	0.7	1.17
09-MW-01-03 MS 09-MW-01-03 MSD 100.0 101.0 100.5 0.7 1 12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 100.0 1.4 2  NC = Not Calculable ND = Not Detected () = Data Flag		08-SW-01-DS-01	08-SW-01-DS-01	92.0	93.0	92.5	0.7	1.08
12-MW-02-DS-03 M 12-MW-02-DS-03 M 99.0 101.0 100.0 1.4 2 NOT = Not Calculable ND = Not Detected () = Data Flag		09-MW-01-03 MS	09-MW-01-03 MSD	100.0	101.0	100.5	0.7	1.00
NC = Not Calculable ND = Not Detected () = Data Flag			12-MW-02-DS-03 M	0.66	101.0	100.0	1.4	2.00
	Compiled: 10 May 1994			() = Data Flag				

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	cate	Mean Value	Standard Deviation	RPD (%)
Method = SW8020 - Aromatic Volatile Organics	Volatile Organics							1 1 1 1 1 1 1
Type = Field Duplicate (ug/L)	(1/bn							
1,2-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	0.34		Q	S	S	SN N
1,2-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ON		ND	S	NC	2
1,2-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN		ND	NC NC	NC	S
1,2-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	QN.		QN	N	S	NC
1,2-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	0.16 (B)	0	0.25	0.2	0.1	44.55
1,2-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	QN		ND	NC	NC	SC
1,2-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	QN		ND	NC	NC	SC
1,3-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	0.13		ND	NC	NC	NC
1,3-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ON		ND	NC	NC	S
1,3-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN		ND	NC	NC	NC
1,3-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ON		ND	NC	NC	S
1,3-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ND (K)	× 0.0	0.099 (J)	NC	NC	S
1,3-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ON		ND	NC	NC	S
1,3-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	QN ·		ND	NC	NC	Ş
1,4-Dichlorobenzene	02-GW-03-03	02-GW-03-DS-03	0.14		QN	NC	NC	S
1,4-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	QN		ND	NC	NC	NC
1,4-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN		ND	NC NC	NC	NC
1,4-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ND		QN	NC	NC	S
1,4-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	QN		ND	NC	NC	NC
1,4-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	QN		QN	NC	NC	NC
Benzene	02-GW-03-03	02-GW-03-DS-03	0.10 (B)	۰ 0.0	0.070 (J)	NC	NC	S
Benzene	05-MW-03-03	05-MW-03-DS-03	2950.0	2270.0	0.0	2610.0	480.8	26.05
Benzene	05-MW-14-01	05-MW-14-DS-01	< 0.083 (J)	· 0	0.083 (J)	NC	NC	NC
Benzene	06-MW-07-01	06-MW-07-DS-01	< 0.052 (J)	۰ 0.	0.052 (J)	NC	NC NC	Š
Benzene	07-MW-02-03	07-MW-02-DS-03	0.091 (B)	0.1	0.084 (B)	0.1	0.0	8.21
Benzene	08-SW-01-01	08-SW-01-DS-01	ON		ND	NC	NC	S
Benzene	12-MW-02-03	12-MW-02-DS-03	ON	· 0.0	0.079 (J)	S	NC	NC NC
Chlorobenzene	02-GW-03-03	02-GW-03-DS-03	ON		NO	NC	NC	S
Chlorobenzene	05-MW-03-03	05-MW-03-DS-03	QN		ND	NC	NC	S
Chlorobenzene	05-MW-14-01	05-MW-14-DS-01	ND	v 0.(	0.080 (J)	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag					B9- 62
			(					(

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 3 2 8 8 8 8 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1 1 1
Ch1 orobenzene	06-MW-07-01	06-MW-07-DS-01	Q.	< 0.045 (KJ)	NC	NC	NC
Chlorobenzene	07-MW-02-03	07-MW-02-DS-03	QN	ND (K)	NC	SC	NC
Chlorobenzene	08-SW-01-01	08-SW-01-DS-01	Q.	ON	NC	NC	NC
Chlorobenzene	12-MW-02-03	12-MW-02-DS-03	Q	ON	NC	NC	NC
Ethylbenzene	02-GW-03-03	02-GW-03-DS-03	< 0.068 (J)	QN	NC	SC	NC
Ethylbenzene	05-MW-03-03	05-MW-03-DS-03	117.0	119.0	118.0	1.4	1.69
Ethylbenzene	05-MW-14-01	05-MW-14-DS-01	8	< 0.081 (J)	NC	NC	NC
Ethylbenzene	06-MW-07-01	06-MW-07-DS-01	SN.	< 0.044 (KJ)	NC	NC	NC
Ethylbenzene	07-MW-02-03	07-MW-02-DS-03	< 0.068 (J)	< 0.068 (J)	NC	NC	NC
Ethylbenzene	08-SW-01-01	08-SW-01-DS-01	S	ON	NC	NC	NC
Ethylbenzene	12-MW-02-03	12-MW-02-DS-03	QN	QN	NC	NC	NC
Toluene	02-GW-03-03	02-GW-03-DS-03	0.12 (B)	0.10 (B)	0.1	0.0	10.91
Toluene	05-MW-03-03	05-MW-03-DS-03	1530.0	1330.0	1430.0	141.4	13.99
Toluene	05-MW-14-01	05-MW-14-DS-01	< 0.081 (J)	0.12 (8)	NC	NC	SC
Toluene	06-MW-07-01	06-MW-07-DS-01	0.11 (B)	0.21 (B)	0.2	0.1	59.19
Toluene	07-MW-02-03	07-MW-02-DS-03	0.098 (B)	0.093 (B)	0.1	0.0	5.05
Toluene	08-SW-01-01	08-SW-01-DS-01	ON	0.046 (B)	NC	NC	NC
Toluene	12-MW-02-03	12-MW-02-DS-03	< 0.11 (J)	< 0.11 (J)	SC	NC	NC
Xylene (total)	02-GW-03-03	02-GW-03-DS-03	0.16 (B)	0.11 (B)	0.1	0.1	35.21
Xylene (total)	05-MW-03-03	05-MW-03-DS-03	368.0	374.0	371.0	4.2	1.62
Xylene (total)	05-MW-14-01	05-MW-14-DS-01	< 0.081 (J)	0.11 (B)	NC	NC	NC
Xylene (total)	07-MW-02-03	07-MW-02-DS-03	0.17 (B)	0.20 (B)	0.2	0.0	16.04
Xylene (total)	08-SW-01-01	08-SW-01-DS-01	S	QN	NC	NC	S
Xylene (total)	12-MW-02-03	12-MW-02-DS-03	< 0.13 (J)	ON	NC	NC	SC
Type = Laboratory Control Duplicate (ug/L)	Duplicate (ug/L)						
1,2-Dichlorobenzene	LCSCAL931078	LCS931080	0.96	102.0	99.0	4.2	90.9
1,2-Dichlorobenzene	LCSCAL931094	LCS931163	86.0	82.0	84.0	2.8	4.76
1,2-Dichlorobenzene	LCSCAL931274	LCS931278	97.0	88.0	92.5	6.4	9.73
1,2-Dichlorobenzene	LCSCAL931274	LCS931279	97.0	95.0	0.96	1.4	2.08
1,2-Dichlorobenzene	LCSCAL931331	LCS931334	97.0	80.0	88.5	12.0	19.21
1,2-Dichlorobenzene	LCSCAL931335	LCS931365	0.96	91.0	93.5	3.5	5.35
1,2-Dichlorobenzene	LCSCAL931416	LCS931498	• 95.0	95.0	95.0	0.0	0.00
1,2-Dichlorobenzene	LCS933122	LCS933136	94.0	73.0	83.5	14.8	25.15
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 63

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	) 1 5 1 6 1 7 1	5 I	(%)
1,2-Dichlorobenzene	LCS933413	LCS933420	100.0	0 00	9 00	7 0	
1,2-Dichlorobenzene	LCS933634	LCS933640	0 20	0.00	0.00	0	1.01
1,2-Dichlorobenzene	LCS934242	0.0000001		0.00	91.5	4. U.	7.65
1.2-Nichlorohenzene	1,0000401	100041200	88.0	83.0	85.5	3.5	5.85
1 2 Dichlenden		LCS934506	95.0	92.0	93.5	2.1	3.21
1,2-Dichlorobenzene	LCS934519	LCS934532	86.0	82.0	84.0	2.8	4.76
I, Z-Dichlorobenzene	LCS934526	LCS934660	93.0	95.0	94.0	1.4	2.13
1,2-Dichlorobenzene	LCS934663	LCS934672	91.0	95.0	0.56	00	4 30
1,2-Dichlorobenzene	LCS934895	LCS934905	94.0	95.0	9.4	0.7	1.06
1,2-Dichlorobenzene	LCS93-850	LCS93933	108.0	93.0	100 5	10.6	14 93
1,3-Dichlorobenzene	LCSCAL931078	LCS931080	0.66	106.0	102.5	0.0	14.93
1,3-Dichlorobenzene	LCSCAL931094	LCS931163	0.68	86.0	87 5	. t c	0.03
1,3-Dichlorobenzene	LCSCAL931274	LCS931278	102.0	91.0	9. Ap	7 8	11 40
1,3-Dichlorobenzene	LCSCAL931274	LCS931279	102.0	101.0	101	2.7	04.11
1,3-Dichlorobenzene	LCSCAL931331	LCS931334	103.0	0.08	96 5	. 6	13 47
1,3-Dichlorobenzene	LCSCAL931335	LCS931365	102.0	94.0	0.80	3.c 7.7	19.47
1,3-Dichlorobenzene	LCSCAL931416	LCS931498	102.0	0 66	100.5		0.10
1,3-Dichlorobenzene	LCS933122	LCS933136	0.86	84.0	91.0	7:3	15 20
1,3-Dichlorobenzene	LCS933413	LCS933420	106.0	107.0	106.5	) C	13.38
1,3-Dichlorobenzene	LCS933634	LCS933640	0.66	92.0	95.5	. <b>4</b>	7 33
1,3-Dichlorobenzene	LCS934242	LCS934250	93.0	88.0	90.5	. w	 
1,3-Dichlorobenzene	LCS934491	LCS934506	101.0	100.0	100.5	2:0	3.35
1,3-Dichlorobenzene	LCS934519	LCS934532	0.06	85.0	87.5	, m	1.00 17
1,3-Dichlorobenzene	LCS934526	LCS934660	0.66	101.0	100.0	. t	2.71
1,3-Dichlorobenzene	LCS934663	LCS934672	95.0	98.0	90.00	2 - 1	3 11
I,3-Dichlorobenzene	LCS934895	LCS934905	98.0	98.0	98.0	0.0	00.0
1,3-Dichlorobenzene	LCS93-850	LCS93933	112.0	98.0	105.0	6.6	13.33
1,4-Dichlorobenzene	LCSCAL931078	LCS931080	94.0	101.0	97.5	6.	7.18
1,4-Dichlorobenzene	LCSCAL931094	LCS931163	85.0	82.0	83.5	2.1	3.59
1,4-Dichlorobenzene	LCSCAL931274	LCS931278	0.66	87.0	93.0	. 80 . 10.	12.90
1,4-Dichlorobenzene	LCSCAL931274	LCS931279	0.66	96.0	97.5	2.1	3.08
1,4-Dichlorobenzene	LCSCAL931331	LCS931334	0.66	85.0	92.0	: o	15 22
1,4-Dichlorobenzene	LCSCAL931335	LCS931365	0.96	91.0	93.5	. w	5.35
1,4-Dichlorobenzene	LCSCAL931416	LCS931498	97.0	95.0	96.0	1.4	2.08
1,4-Dichlorobenzene	LCS933122	LCS933136	95.0	79.0	87.0	11.3	18.39
I,4-Dichlorobenzene	LCS933413	LCS933420	101.0	102.0	101.5	0.7	0.99
Compiled: 10 May 1994	NC = Not Calculable	1	- 1				
· · · · · · · · · · · · · · · · · · ·	1	NU = Not Detected	() = Data Flag				B9- 64



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Parameter	Sample ID	Sample ID	Value	Value	Value	Standard	RPD (%)
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1,4-Dichlorobenzene	LCS933634	LCS933640	94.0	87.0	90.5	4.9	7.73
1,4-Dichlorobenzene	LCS934242	LCS934250	88.0	84.0	86.0	2.8	4.65
1,4-Dichlorobenzene	LCS934491	LCS934506	97.0	95.0	0.96	1.4	2.08
1,4-Dichlorobenzene	LCS934519	LCS934532	85.0	80.0	82.5	3.5	90.9
1,4-Dichlorobenzene	LCS934526	LCS934660	94.0	95.0	94.5	0.7	1.06
1,4-Dichlorobenzene	LCS934663	LCS934672	89.0	93.0	91.0	2.8	4.40
1,4-Dichlorobenzene	LCS934895	LCS934905	93.0	92.0	92.5	0.7	1.08
1,4-Dichlorobenzene	LCS93-850	LCS93933	107.0	93.0	100.0	9.9	14.00
Benzene	LCSCAL931078	LCS931080	0.68	95.0	92.0	4.2	6.52
Benzene	LCSCAL931094	LCS931163	85.0	82.0	83.5	2.1	3.59
Benzene	LCSCAL931274	LCS931278	103.0	86.0	94.5	12.0	17.99
Benzene	LCSCAL931274	LCS931279	103.0	97.0	100.0	4.2	6.00
Benzene	LCSCAL931331	LCS931334	101.0	. 93.0	97.0	5.7	8.25
Benzene	LCSCAL931335	LCS931365	0.66	89.0	94.0	7.1	10.64
Benzene	LCSCAL931416	LCS931498	108.0	93.0	100.5	10.6	14.93
Benzene	LCS933122	LCS933136	0.06	88.0	89.0	1.4	2.25
Benzene	LCS933413	LCS933420	97.0	96.0	96.5	0.7	1.04
Benzene	LCS933634	LCS933640	0.96	88.0	92.0	5.7	8.70
Benzene	LCS934242	LCS934250	0.06	83.0	86.5	4.9	8.09
Benzene	LCS934491	LCS934506	0.96	94.0	95.0	1.4	2.11
Benzene	LCS934519	LCS934532	89.0	84.0	86.5	3.5	5.78
Benzene	LCS934526	LCS934660	87.0	0.06	88.5	2.1	3.39
Benzene	LCS934663	LCS934672	94.0	98.0	96.0	2.8	4.17
Benzene	LCS934882	LCS934887	105.0	103.0	104.0	1.4	1.92
Benzene	LCS934882	LCS934889	105.0	100.0	102.5	3.5	4.88
Benzene	LCS934895	LCS934905	97.0	95.0	96.0	1.4	2.08
Benzene	LCS93-850	LCS93933	100.0	91.0	95.5	6.4	9.42
Chlorobenzene	LCSCAL931078	LCS931080	98.0	104.0	101.0	4.2	5.94
Chlorobenzene	LCSCAL931094	LCS931163	0.68	85.0	87.0	2.8	4.60
Chlorobenzene	LCSCAL931274	LCS931278	105.0	89.0	97.0	11.3	16.49
Chlorobenzene	LCSCAL931274	LCS931279	105.0	100.0	102.5	3.5	4.88
Chlorobenzene	LCSCAL931331	LCS931334	104.0	96.0	100.0	5.7	8.00
Chlorobenzene	LCSCAL931335	LCS931365	101.0	92.0	96.5	6.4	9.33
Chlorobenzene	LCSCAL931416	LCS931498	103.0	97.0	100.0	4.2	00.9
Chlorobenzene	LCS933122	LCS933136	0.96	93.0	94.5	2.1	3.17
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 65

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1		1	1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
cnlorobenzene	LCS933413	LCS933420	101.0	101.0	101.0	0.0	0.00
Chlorobenzene	LCS933634	LCS933640	101.0	93.0	97.0	5.7	8.25
Chlorobenzene	LCS934242	LCS934250	93.0	86.0	89.5	4.9	7.82
Chlorobenzene	LCS934491	LCS934506	0.66	97.0	98.0	1.4	2.04
Chlorobenzene	LCS934519	LCS934532	92.0	88.0	0.06	2.8	4.44
Chlorobenzene	LCS934526	LCS934660	94.0	97.0	95.5	2.1	3.14
Chlorobenzene	LCS934663	LCS934672	97.0	101.0	0.66	2.8	4.04
Chlorobenzene	LCS934895	LCS934905	100.0	100.0	100.0	0.0	0.00
Chlorobenzene	LCS93-850	LCS93933	111.0	97.0	104.0	6.6	13.46
Ethylbenzene	LCSCAL931078	LCS931080	101.0	109.0	105.0	5.7	7.62
Ethylbenzene	LCSCAL931094	LCS931163	92.0	88.0	0.06	2.8	4.44
Ethylbenzene	LCSCAL931274	LCS931278	110.0	93.0	101.5	12.0	16.75
Ethylbenzene	LCSCAL931274	LCS931279	110.0	106.0	108.0	2.8	3.70
Ethylbenzene	LCSCAL931331	LCS931334	109.0	100.0	104.5	6.4	8.61
Ethylbenzene	LCSCAL931335	LCS931365	106.0	97.0	101.5	6.4	8.87
Ethylbenzene	LCSCAL931416	LCS931498	108.0	102.0	105.0	4.2	5.71
Ethylbenzene	LCS933122	LCS933136	102.0	0.66	100.5	2.1	2.99
Ethylbenzene	LCS933413	LCS933420	107.0	107.0	107.0	0.0	0.00
Ethylbenzene	LCS933634	LCS933640	104.0	96.0	100.0	5.7	8.00
Ethylbenzene	LCS934242	LCS934250	104.0	97.0	100.5	4.9	6.97
Ethylbenzene	LCS934491	LCS934506	110.0	109.0	109.5	0.7	0.91
Ethylbenzene	LCS934519	LCS934532	0.96	91.0	93.5	3.5	5.35
Ethylbenzene	LCS934526	LCS934660	100.0	103.0	101.5	2.1	2.96
Ethylbenzene	LCS934663	LCS934672	101.0	104.0	102.5	2.1	2.93
Ethylbenzene	LCS934882	LCS934887	115.0	114.0	114.5	0.7	0.87
Ethylbenzene	LCS934882	LCS934889	115.0	111.0	113.0	2.8	3.54
Ethylbenzene	LCS934895	LCS934905	104.0	103.0	103.5	0.7	0.97
Ethylbenzene	LCS93-850	LCS93933	114.0	103.0	108.5	7.8	10.14
Toluene	LCSCAL931078	LCS931080	0.96	104.0	100.0	5.7	8.00
Toluene	LCSCAL931094	LCS931163	0.68	86.0	87.5	2.1	3.43
Toluene	LCSCAL931274	LCS931278	107.0	89.0	98.0	12.7	18.37
Toluene	LCSCAL931274	LCS931279	107.0	102.0	104.5	3.5	4.78
Toluene	LCSCAL931331	LCS931334	106.0	97.0	101.5	6.4	8.87
Toluene	LCSCAL931335	LCS931365	103.0	94.0	98.5	6.4	9.14
loluene	LCSCAL931416	LCS931498	107.0	98.0	102.5	6.4	8.78
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				R9- 66

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample 1D	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1		1 1 1 1
Toluene	LCS933122	LCS933136	97.0	95.0	96.0	1.4	2.08
Toluene	LCS933413	LCS933420	104.0	103.0	103.5	0.7	0.97
Toluene	LCS933634	LCS933640	100.0	93.0	96.5	4.9	7.25
Toluene	LCS934242	LCS934250	94.0	86.0	0.06	5.7	8.89
Toluene	LCS934491	LCS934506	100.0	98.0	0.66	1.4	2.02
Toluene	LCS934519	LCS934532	92.0	88.0	0.06	2.8	4.44
Toluene	LCS934526	LCS934660	94.0	97.0	95.5	2.1	3.14
Toluene	LCS934663	LCS934672	98.0	101.0	99.2	2.1	3.02
Toluene	LCS934882	LCS934887	111.0	109.0	110.0	1.4	1.82
Toluene	LCS934882	LCS934889	111.0	107.0	109.0	2.8	3.67
Toluene	LCS934895	LCS934905	101.0	100.0	100.5	0.7	1.00
Toluene	LCS93-850	LCS93933	111.0	98.0	104.5	9.5	12.44
Xylene (total)	LCSCAL931078	LCS931080	98.0	107.0	102.5	6.4	8.78
Xylene (total)	LCSCAL931094	LCS931163	89.0	85.0	87.0	2.8	4.60
Xylene (total)	LCSCAL931274	LCS931278	105.0	89.0	97.0	11.3	16.49
Xylene (total)	LCSCAL931274	LCS931279	105.0	101.0	103.0	2.8	3.88
Xylene (total)	LCSCAL931331	. LCS931334	104.0	0.96	100.0	5.7	8.00
Xylene (total)	LCSCAL931335	LCS931365	101.0	93.0	97.0	5.7	8.25
Xylene (total)	LCSCAL931416	LCS931498	104.0	98.0	101.0	4.2	5.94
Xylene (total)	LCS933122	LCS933136	103.0	98.0	100.5	3.5	4.98
Xylene (total)	LCS933413	LCS933420	107.0	107.0	107.0	0.0	00.00
Xylene (total)	LCS933634	LCS933640	100.0	92.0	0.96	5.7	8.33
Xylene (total)	LCS934242	LCS934250	95.0	89.0	92.0	4.2	6.52
Xylene (total)	LCS934491	LCS934506	102.0	101.0	101.5	0.7	0.99
Xylene (total)	LCS934519	LCS934532	92.0	87.0	89.5	3.5	5.59
Xylene (total)	LCS934526	LCS934660	100.0	102.0	101.0	1.4	1.98
Xylene (total)	LCS934663	LCS934672	97.0	101.0	0.66	2.8	4.04
Xylene (total)	LCS934882	LCS934887	114.0	114.0	114.0	0.0	00.00
Xylene (total)	LCS934882	LCS934889	114.0	110.0	112.0	2.8	3.57
Xylene (total)	LCS934895	LCS934905	100.0	99.0	99.5	0.7	1.01
Xylene (total)	LCS93-850	LCS93933	113.0	0.66	106.0	6.6	13.21
Type = Matrix Spike Duplicate  (ug/L)	ate (ug/L)						
Benzene	02-GW-03-03 MS	02-GW-03-03 MSD	106.0	98.0	102.0	5.7	7.84
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 67
,							

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!		!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1
Benzene	05-MW-06-03 MS	05-MW-06-03 MSD	100.0	100.0	100.0	0.0	0.00
Benzene	05-MW-14-01	05-MW-14-01	93.0	98.0	95.5	3.5	5.24
Benzene	06-MW-01-03 MS	06-MW-01-03 MSD	113.0	111.0	112.0	1.4	1.79
Benzene	06-MW-07-01 MS	06-MW-07-01 MSD	102.0	103.0	102.5	0.7	0.98
Benzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	100.0	104.0	102.0	2.8	3.92
Benzene	07-SW-03-01 MS	07-SW-03-01 MSD	100.0	103.0	101.5	2.1	2.96
Benzene	08-GP-01-01	08-GP-01-01	100.0	95.0	97.5	3.5	5.13
Benzene	08-SW-01-DS-01	08-SW-01-DS-01	106.0	106.0	106.0	0.0	0.00
Benzene	10-MW-01-03 MS	10-MW-01-03 MSD	82.0	88.0	85.0	4.2	7.06
Benzene	10-MW-03-03 MS	10-MW-03-03 MSD	118.0	111.0	114.5	4.9	6.11
Benzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	115.0	115.0	115.0	0.0	0.00
Ethylbenzene	02-GW-03-03 MS	02-GW-03-03 MSD	104.0	97.0	100.5	4.9	6.97
Ethylbenzene	05-MW-06-03 MS	05-MW-06-03 MSD	98.0	101.0	99.5	2.1	3.02
Ethylbenzene	05-MW-14-01	05-MW-14-01	96.0	101.0	98.5	3.5	5.08
Ethylbenzene	06-MW-01-03 MS	06-MW-01-03 MSD	107.0	109.0	108.0	1.4	1.85
Ethylbenzene	06-MW-07-01 MS	06-MW-07-01 MSD	109.0	110.0	109.5	0.7	0.91
Ethylbenzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.66	106.0	102.5	4.9	6.83
Ethylbenzene	07-SW-03-01 MS	07-SW-03-01 MSD	101.0	103.0	102.0	1.4	1.96
Ethylbenzene	08-GP-01-01	08-GP-01-01	100.0	96.0	98.0	2.8	4.08
Ethylbenzene	08-SW-01-DS-01	08-SW-01-DS-01	108.0	107.0	107.5	0.7	0.93
Ethylbenzene	10-MW-01-03 MS	10-MW-01-03 MSD	81.0	88.0	84.5	4.9	8.28
Ethylbenzene	10-MW-03-03 MS	10-MW-03-03 MSD	115.0	113.0	114.0	1.4	1.75
Ethylbenzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	120.0	119.0	119.5	0.7	0.84
Toluene	02-GW-03-03 MS	02-GW-03-03 MSD	104.0	96.0	100.0	5.7	8.00
Toluene	05-MW-06-03 MS	05-MW-06-03 MSD	97.0	0.66	98.0	1.4	2.04
Toluene	05-MW-14-01	05-MW-14-01	94.0	98.0	96.0	2.8	4.17
Toluene	06-MW-01-03 MS	06-MW-01-03 MSD	108.0	109.0	108.5	0.7	0.92
Toluene	06-MW-07-01 MS	06-MW-07-01 MSD	0.66	101.0	100.0	1.4	2.00
Toluene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	0.66	97.0	2.8	4.12
Toluene	07-SW-03-01 MS	07-SW-03-01 MSD	0.66	102.0	100.5	2.1	2.99
Toluene	08-GP-01-01	08-GP-01-01	98.0	93.0	95.5	3.5	5.24
Toluene	08-SW-01-DS-01	08-SW-01-DS-01	105.0	106.0	105.5	0.7	0.95
Toluene	10-MW-01-03 MS	10-MW-01-03 MSD	85.0	88.0	86.5	2.1	3.47
Toluene	10-MW-03-03 MS	10-MW-03-03 MSD	113.0	112.0	112.5	0.7	0.89
Toluene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	117.0	117.0	117.0	0.0	00.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected (	() = Data Flag				B9- 68

DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

		Duplicate		Dunlicate	Mean	Standard	
Parameter	Sample ID	Sample 10	Value	Value	Value	Deviation	RPD (%)
V. Jone (+0+1)	00_GM_03_03 WC		0 001		1 00	- V	30 3
				0.00	9.60		5.6
			93.0	98.0	C.08	1.7	5.11
		US-MM-4U	94.0	0.65	30.5	υ. 	5.18
	06-MW-01-03 MS	06-MW-01-03 MSD	104.0	106.0	105.0	1.4	1.90
Xylene (total)	06-MW-07-01 MS	06-MW-07-01 MSD	101.0	98.0	99.5	2.1	3.02
Xylene (total)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	95.0	102.0	98.5	4.9	7.11
Xylene (total)	07-SW-03-01 MS	07-SW-03-01 MSD	98.0	101.0	99.5	2.1	3.02
Xylene (total)	08-GP-01-01	08-GP-01-01	98.0	93.0	95.5	3.5	5.24
Xylene (total)	08-SW-01-DS-01	08-SW-01-DS-01	110.0	109.0	109.5	0.7	0.91
Xylene (total)	10-MW-01-03 MS	10-MW-01-03 MSD	0.66	87.0	93.0	8.5	12.90
Xylene (total)	10-MW-03-03 MS	· 10-MW-03-03 MSD	123.0	121.0	122.0	1.4	1.64
Xylene (total)	12-MW-02-DS-03 M	12-MW-02-DS-03 M	120.0	119.0	119.5	0.7	0.84
Method = SW8080 - Organochlorine Pesticides and PCBs	ine Pesticides and PCBs						
Type = Field Duplicate $(ug/L)$	(1)						
4,4'-DDD	03-GW-02-03	03-GW-02-DS-03	QN	ON	NC	S	NC
4,4'-DDD	05-MW-03-03	05-MW-03-DS-03	QN	Q.	NC	SC	NC
4,4'-DDD	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC	NC
4,4'-DDD	12-MW-02-03	12-MW-02-DS-03	QN	N	NC	S	NC
4,4'-DDE	03-GW-02-03	03-GW-02-DS-03	QN	ON	NC	S	NC
4,4'-DDE	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	SC	SC
4,4'-DDE	07-MW-02-03	07-MW-02-DS-03	ON	QN ·	NC	NC	NC
4,4'-DDE	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	Ş	S
4,4'-DDT	05-MW-03-03	05-MW-03-DS-03	ON	QN N	NC	NC	S
4,4'-DDT	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	Ş	NC
4,4'-0DT	12-MW-02-03	12-MW-02-DS-03	ON	ON.	NC	S	NC
Aldrin	03-GW-02-03	03-GW-02-DS-03	QN	Q	NC .	SC	S
Aldrin	07-MW-02-03	07-MW-02-DS-03	QN	Q.	NC	NC	NC NC
Aldrin	12-MW-02-03	12-MW-02-DS-03	QN	Q.	NC	S	S
Chlordane	03-GW-02-03	03-GW-02-DS-03	QN	S	NC	NC	SC
Chlordane	05-MW-03-03	05-MW-03-DS-03	ON	Q.	NC	NC	S
Chlordane	07-MW-02-03	07-MW-02-DS-03	Q	N	NC	SC	SC
Chlordane	12-MW-02-03	12-MW-02-DS-03	QN	QN	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 69

Value Deviation RPD  NC NC NC NC NC NC NC NC NC NC NC NC NC N			Duplicate		Duplicate	Mean	Standard	
The color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the color of the	Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
Ten 1 12-444-02-03 10 12-444-02-03-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 4 5 1 1 1 2 4	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1	. !
Total	Dieldrin	03-GW-02-03	03-GW-02-DS-03	QN	QN	SN	ON.	Q.
fan I         03-64-02-23         03-64-02-23-03         ND         ND         NC         NC <th< td=""><td>Dieldrin</td><td>12-MW-02-03</td><td>12-MW-02-DS-03</td><td>QN</td><td>QN</td><td>S N</td><td>S S</td><td><u> </u></td></th<>	Dieldrin	12-MW-02-03	12-MW-02-DS-03	QN	QN	S N	S S	<u> </u>
fan I         05-WH-03-30         05-WH-02-03         05-WH-02-03         ND         ND         ND         NC	Endosulfan I	03-GW-02-03	03-GW-02-DS-03	QN	QN	)N	) C	2 2
fam 1         10 7-M4-02-03         10 7-M4-02-03 <td>Endosulfan I</td> <td>05-MW-03-03</td> <td>05-MW-03-DS-03</td> <td>N</td> <td>Q.</td> <td>NC NC</td> <td>S S</td> <td>S S</td>	Endosulfan I	05-MW-03-03	05-MW-03-DS-03	N	Q.	NC NC	S S	S S
Fam   1   12-Mar-02-03   12-Ma-02-05-03   ND   ND   ND   ND   ND   ND   ND   N	Endosulfan I	07-MW-02-03	07-MW-02-DS-03	QN	ON	NC NC	S S	S S
fan 11.         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03         63-64-02-03	Endosulfan I	12-MW-02-03	12-MW-02-DS-03	ON	NO	) N	N C	) <u>S</u>
fan 11         05-W4-03-03         05-W4-03-03         NO         N	Endosulfan II	03-GW-02-03	03-GW-02-DS-03	ON.	QN	NC NC	NC NC	S S
Fan 11 12-W4-02-03 12-W4-02-05-03 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.014 (0.	Endosulfan II	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC NC	Į. N	) N
Fam Sulfate   07-WW-02-03   07-WW-02-05-03   07-WW-02-05-03   07-WW-02-05-03   07-WW-02-05-03   07-WW-02-03   07-WW-03-03   07	Endosulfan II	12-MW-02-03	12-MW-02-DS-03	QN	S	N. C.	NC NC	S S
Fan Sulfate   12-NW-02-03   12-NW-02-15-03   4 0.014   4 0.015   7   N   N   N   N   N   N   N   N   N	Endosulfan Sulfate	07-MW-02-03	07-MW-02-DS-03	< 0.014	< 0.014	NC NC	NC O	N C
03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03         03-64-02-03	lfan	12-MW-02-03	12-MW-02-DS-03			NC NC	NC	N. C.
05-NM-03-03         05-NM-03-03         05-NM-03-03         ND         ND         ND         NC	Endrin	03-GW-02-03	03-GW-02-DS-03	0.017	QN	S	N C	) Z
12-M4-02-033   07-M4-02-05-03   ND   ND   ND   ND   ND   ND   ND   N	Endrin	05-MW-03-03	05-MW-03-DS-03	ND	QN	NC N	S S	NC NC
12-WW-02-03   12-WW-02-03   ND   ND   ND   ND   ND   ND   ND   N	Endrin	07-MW-02-03	07-MW-02-DS-03	ON	QN	S	) N	) C
	Endrin	12-MW-02-03	12-MW-02-DS-03	QN	QN	2	) N	) <u>C</u>
No	Endrin Aldehyde	05-MW-03-03	05-MW-03-DS-03	ON	N	NC	N S	: Z
OFT         OG-6W-02-03         OG-6W-02-03         OG-6W-02-03         OG-087         (B)         OG-078         (B)         OG-07         NG	Endrin Aldehyde	07-MW-02-03	07-MW-02-DS-03	ON	QN	2	N S	) U
or         D5-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-03-DS         05-MW-02-DS         05	Heptachlor	03-GW-02-03	03-GW-02-DS-03	QN	ON	NC	) N	) C
or         12-MW-02-03         12-MW-02-03         12-MW-02-03         ND	<b>Heptachlor</b>	05-MW-03-03	05-MW-03-DS-03	_	_	0.0	0.0	10 91
or epoxide         03-6W-02-03         03-66         ND         NC         NC<	Heptachlor	12-MW-02-03	12-MW-02-DS-03			NC	2	S SN
or epoxide         05-MW-03-03         05-MW-03-03         0.0082         (PB)         0.011         (PB)         0.01         (PB)         0.0         0.0           filor         03-GW-02-03         03-GW-02-03         03-GW-02-03         05-MW-03-03         ND         ND         NC	Heptachlor epoxide	03-GW-02-03	03-GW-02-DS-03	0.066	ON	NC	S	) 2
thlor         03-6W-02-03         03-6W-02-03         ND         ND         ND         NC	Heptachlor epoxide	05-MW-03-03	05-MW-03-DS-03	_	0.011	0.0	0.0	30.05
th or         05-MW-03-03         05-MW-03-03-03-03-03-03         ND         ND         ND         NC         NC           12-MW-02-03         07-MW-02-03-03         12-MW-02-03-03         ND         ND         ND         NC         NC           12-MW-02-03         12-MW-02-05-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-05-03         ND         ND         ND         NC         NC           05-MW-03-03         05-MW-03-05-03         ND         ND         ND         NC         NC           12-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           05-MW-03-03         05-MW-02-DS-03         ND         ND         ND         NC         NC           05-MW-02-03         05-MW-02-DS-03         ND         ND         ND         NC         NC           07-MW-02-03         05-MW-02-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         05-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         05-WW-02-DS-03         ND         ND         ND         NC         NC	Methoxychlor	03-GW-02-03	03-GW-02-DS-03	ON		NC NC	SC.	S
th or         07-MW-02-03         07-MW-02-03         ND         ND         ND         NC         NC           12-MW-02-03         12-MW-02-03         12-MW-02-03         ND         ND         ND         NC         NC           05-MW-02-03         03-GW-02-DS-03         ND         ND         ND         NC         NC           05-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         12-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-DS-03         ND         ND         ND         NC         NC           05-MW-03-03         05-MW-03-DS-03         ND         ND         ND         NC         NC           07-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           07-MW-02-03         07-MW-02-03         07-MW-02-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-03         03-GW-02-03         ND         ND         NC         NC         NC           03-GW-02-03         03-GW-02-03         03-GW-02-03         03-GW-02-03         03-GW-02-	Methoxychlor	05-MW-03-03	05-MW-03-DS-03	QN	NO	NC	S	S S
12-MW-02-03         12-MW-02-DS-03         ND         ND         NC         NC           03-GW-02-03         03-GW-02-DS-03         ND         ND         ND         NC         NC           05-MW-03-03         05-MW-03-DS-03         ND         ND         ND         NC         NC           07-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           05-MW-03-03         05-MW-03-DS-03         ND         ND         ND         NC         NC           05-MW-03-03         05-MW-03-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-03         03-GW-02-03         ND         ND         NC         NC           03-GW-02-03         03-GW-02-03         03-GW-02-03         ND         ND         NC         NC           03-GW-02-03         03-GW-02-03         03-GW-02-03         ND         ND         NC         NC	Methoxychlor	07-MW-02-03	07-MW-02-DS-03	ON	NO	NC	NC	) 2
03-GW-02-03         03-GW-02-DS-03         ND         ND         NC         NC           05-MW-03-03         05-MW-02-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-DS-03         ND         ND         ND         NC         NC           05-MW-02-03         05-MW-02-DS-03         ND         ND         ND         NC         NC           05-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         07-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-03         03-GW-02-03         ND         ND         NC         NC           03-GW-02-03         03-GW-02-03         03-GW-02-03         ND         ND         NC         NC	Methoxychlor	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC	NC
05-MW-03-03         05-MW-03-03         05-MW-02-03         ND         ND         ND         NC         NC           07-MW-02-03         12-MW-02-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         12-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-DS-03         ND         ND         ND         NC         NC           05-MW-02-03         05-MW-02-DS-03         ND         ND         ND         NC         NC           12-MW-02-03         12-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-DS-03         ND         ND         NC         NC	PCB-1016	03-GW-02-03	03-GW-02-DS-03	QN	ON	NC	SC.	NC NC
07-MW-02-03         07-WW-02-DS-03         ND         ND         NC         NC           12-MW-02-03         12-MW-02-DS-03         ND         ND         ND         NC         NC           03-GW-02-03         03-GW-02-DS-03         ND         ND         ND         NC         NC           05-MW-03-03         05-MW-03-DS-03         ND         ND         NC         NC           12-MW-02-03         07-MW-02-DS-03         ND         ND         NC         NC           03-GW-02-03         03-GW-02-DS-03         ND         ND         NC         NC	PCB-1016	05-MW-03-03	05-MW-03-DS-03	QN	ON	NC	NC	NC
12-MW-02-03     12-MW-02-DS-03     ND     ND     NC     NC       03-GW-02-03     03-GW-02-DS-03     ND     ND     NC     NC       05-MW-03-03     05-MW-03-DS-03     ND     ND     NC     NC       07-MW-02-03     07-MW-02-DS-03     ND     ND     NC     NC       12-MW-02-03     03-GW-02-DS-03     ND     ND     NC     NC       03-GW-02-03     03-GW-02-DS-03     ND     ND     NC     NC	PCB-1016	07-MW-02-03	07-MW-02-DS-03	QN	ND	NC	NC NC	NC
03-GW-02-03     03-GW-02-D3-03     ND     ND     NC     NC       05-MW-03-03     05-MW-03-DS-03     ND     ND     NC     NC       07-MW-02-03     07-MW-02-DS-03     ND     ND     NC     NC       12-MW-02-03     12-MW-02-DS-03     ND     ND     NC     NC       03-GW-02-03     03-GW-02-DS-03     ND     ND     NC     NC	PCB-1016	12-MW-02-03	12-MW-02-DS-03	ON.	NO	2	N S	NC NC
05-MV-03-03 05-MV-03-DS-03 ND ND NC NC NC NC NC NC NC NC NC NC NC NC NC	PCB-1221	03-GW-02-03	03-GW-02-DS-03	ON	QN	NC	N.	. Z
07-MW-02-03 07-MW-02-DS-03 ND ND NC NC 12-MW-02-03 12-MW-02-DS-03 ND ND NC NC 03-GW-02-03 03-GW-02-DS-03 ND ND ND NC NC	PCB-1221	05-MW-03-03	05-MW-03-DS-03	ON	QN	Z	) C	) Z
12-MW-02-03 12-MW-02-DS-03 ND ND ND NC NC NC 03-GW-02-03-03-03-6W-02-DS-03 ND ND NC NC	PCB-1221	07-MW-02-03	07-MW-02-DS-03	ON.	QN	N.	) <u>C</u>	) V
03-6W-02-03 03-6W-02-DS-03 ND ND NC NC	PCB-1221	12-MW-02-03	12-MW-02-DS-03	QN	S	) N	S S	2 K
	PCB-1232	03-GW-02-03	03-GW-02-DS-03	N	C	) Z	) <u>C</u>	) L

() = Data Flag

ND = Not Detected

NC = Not Calculable

## DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, GALENA 1993 EVENT

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample IO	Sample ID	Value	Value	Value	Deviation	RPD (%)
PCB-1232	05-MW-03-03	05-MW-03-DS-03	Ç.	: CZ	I CN	   L	L V
PCB-1232	07-MW-02-03	07-MW-02-03	<b>S</b>	2	2	S S	2
PCB-1232	12-MW-02-03	12-MW-02-DS-03	9	. <del>2</del>	S S	N. C.	2
PCB-1242	03-GW-02-03	03-GW-02-DS-03	QN	Q.	S	S	2
PCB-1242	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	S
PCB-1242	07-MW-02-03	07-MW-02-DS-03	QN	Q.	NC	NC	S
PCB-1242	12-MW-02-03	12-MW-02-DS-03	ON	Q	NC	NC	Ş
PCB-1248	03-GW-02-03	03-GW-02-DS-03	QN	QV	NC	NC	Ş
PCB-1248	05-MW-03-03	05-MW-03-DS-03	QN	2	NC	SC	Ş
PCB-1248	07-MW-02-03	07-MW-02-DS-03	ON	QV	NC	NC	S
PCB-1248	12-MW-02-03	12-MW-02-DS-03	QN	QN	NC	NC	Ş
PCB-1254	03-GW-02-03	03-GW-02-DS-03	ON	NO	NC	NC	Ş
PCB-1254	05-MW-03-03	05-MW-03-DS-03	ON	S	NC	NC	Ş
PCB-1254	07-MW-02-03	07-MW-02-DS-03	QN	9	NC	NC	Ş
PCB-1254	12-MW-02-03	12-MW-02-DS-03	QN	ON	S	NC	S
PCB-1260	03-GW-02-03	03-GW-02-DS-03	ON	9	NC	NC	ş
PCB-1260	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	S
PCB-1260	07-MW-02-03	07-MW-02-DS-03	QN	N	NC	SC	S
PCB-1260	12-MW-02-03	12-MW-02-DS-03	ON	9	NC	NC	Ş
Toxaphene	03-GW-02-03	03-GW-02-DS-03	QN	<b>Q</b>	NC	NC	일
Toxaphene	05-MW-03-03	05-MW-03-DS-03	QN	Q	N.	NC	S
Toxaphene	07-MW-02-03	07-MW-02-DS-03	ON	9	NC	NC	S
Toxaphene	12-MW-02-03	12-MW-02-DS-03	S	ON	S	NC	Ş
alpha-BHC	05-MW-03-03	05-MW-03-DS-03	ON.	SA.	S	NC	S
a1pha∹BHC	07-MW-02-03	07-MW-02-DS-03	ON.	0.018	SC	NC	Ş
alpha-BHC	12-MW-02-03	12-MW-02-DS-03	ON	QV	NC	NC	S
beta-BHC	03-GW-02-03	03-GW-02-DS-03	QN	Q	NC	NC	S
beta-BHC	05-MW-03-03	05-MW-03-DS-03	ON	Q.	S	NC	2
beta-BHC	12-MW-02-03	12-MW-02-DS-03	Q	N	NC	SC	Ş
delta-BHC	03-GW-02-03	03-GW-02-DS-03	ON	N	NC	NC	Ş
delta-BHC	05-MW-03-03	05-MW-03-DS-03	Q	N	S	NC	S
delta-BHC	07-MW-02-03	07-MW-02-DS-03	Q	ON	S	SC	2
delta-BHC	12-MW-02-03	12-MW-02-DS-03	ON	N	NC	NC	S
gamma-BHC(Lindane)	03-GW-02-03	03-GW-02-DS-03	QN	QN	NC	NC	NC
gamma-BHC(Lindane)	05-MW-03-03	05-MW-03-DS-03	0.024	0.024	0.0	0.0	0.84
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 71

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
gamma-BHC(Lindane)	12-MW-02-03	12-MW-02-DS-03	QN	ND	NC NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)	ol Duplicate (ug/L)						
4,4'-DDT	LCS93 1127 #LS K	LCSD93_1127_#LS	108 0	107.0	107 5		ć
4,4'-DDT	LCS93 1258 #LS K	LCSD93 1258 #LS	95.0	0.98	95.5	7 0 7	1 05
4,4'-DDT	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	101.0	102.0	101.5	0.7	66.0
4,4'-DDT	LCS93-1035 #LS	LCSD93-1035 #LS	97.0	100.0	98.5	2.1	3.05
4,4'~DDT	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	96.0	95.0	1.4	2.11
4,4'-DDT		LCSD93-963 #LS	94.0	47.0	70.5	33.2	66.67
4,4'-DDT	LCS931190 #LS K	· LCSD931120 #LS K	100.0	104.0	102.0	2.8	3.92
4,4'-007	LCS931312 #LS KE	LCSD931312 #LS K	106.0	106.0	106.0	0.0	0.00
4,4'-00T	LCS 931352 #LS K	LCSD931352 #LS K	100.0	116.0	108.0	11.3	14.81
4,4'-DDT	LCS933380 #LS KE_	LCSD933380 #LS KED	109.0	109.0	109.0	0.0	0.00
4,4'-DDT	LCS934010 #LS KE_	LCSD934010 #LS KED	96.0	100.0	98.0	2.8	4.08
Aldrin	LCS93 1127 #LS K	LCSD93 1127 #LS	114.0	116.0	115.0	1.4	1.74
Aldrin	LCS93 1258 #LS K	LCSD93 1258 #LS	95.0	97.0	0.96	1.4	2.08
Aldrin	*	LCSD93 3026 #LS KED	96.0	0.96	0.96	0.0	0.00
Aldrin	LCS93-1035 #LS	LCSD93-1035 #LS	93.0	0.96	94.5	2.1	3.17
Aldrin	LO.		96.0	99.0	97.5	2.1	3.08
Aldrin			0.96	50.0	73.0	32.5	63.01
Aldrin	LCS931190 #LS K		88.0	91.0	89.5	2.1	3.35
Aldrin	LCS931312 #LS KE	LCSD931312 #LS K	93.0	94.0	93.5	0.7	1.07
Aldrin	LCS 931352 #LS K	LCSD931352 #LS K	82.0	91.0	86.5	6.4	10.40
Aldrin	LCS933380 #LS KE_	LCSD933380 #LS KED	103.0	104.0	103.5	0.7	0.97
Aldrin	LCS934010 #LS KE_	LCSD934010 #LS KED	87.0	91.0	89.0	2.8	4.49
Uleldrin	LCS93 1127 #LS K	LCSD93 1127 #LS	105.0	104.0	104.5	0.7	96.0
Uleidrin	LCS93 1258 #LS K	LCSD93 1258 #LS	94.0	94.0	94.0	0.0	00.00
Dieldrin	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	93.0	94.0	93.5	0.7	1.07
Dieldrin		LCSD93-1035 #LS	98.0	100.0	99.0	1.4	2.05
Dieldrin	2	LCSD93-1035 #LS	0.66	102.0	100.5	2.1	2.99
Dieldrin		LCSD93-963 #LS	94.0	49.0	71.5	31.8	62.94
Dieldrin	LCS931190 #LS K		102.0	105.0	103.5	2.1	2.90
Dieldrin	LCS931312 #LS KE		97.0	98.0	97.5	0.7	1.03
Dieldrin	LCS 931352 #LS K	LCSD931352 #LS K	90.06	105.0	97.5	10.6	15.38
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected ()	= Data Flag				B9- 72

		Dunlicate		Out to	100	L L	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 2 5 7 1 1 1 1		; { { 1 1 1 1		t 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1		(11)
Dieldrin	LCS933380 #LS KE_	LCSD933380 #LS KED	104.0	106.0	105.0	1.4	1.90
Dieldrin	LCS934010 #LS KE_	LCSD934010 #LS KED	93.0	96.0	94.5	2.1	3.17
Endosulfan II	LCS93 1127 #LS K	LCSD93 1127 #LS	110.0	110.0	110.0	0.0	00.00
Endosulfan II	LCS93 1258 #LS K	LCSD93 1258 #LS	100.0	0.66	99.5	0.7	1.01
Endosulfan II	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	84.0	83.0	83.5	0.7	1.20
Endosulfan II	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	96.0	95.0	1.4	2.11
Endosulfan II	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	97.0	95.5	2.1	3.14
Endosulfan II	LCS93-963 #LS	CSD93-963 #LS	87.0	45.0	66.0	29.7	63.64
Endosulfan II	LCS931190 #LS K	LCSD931120 #LS K	97.0	100.0	98.5	2.1	3.05
Endosulfan II	LCS931312 #LS KE	LCSD931312 #LS K	98.0	99.0	98.5	0.7	1.02
Endosulfan II	LCS 931352 #LS K	LCSD931352 #LS K	92.0	107.0	99.5	10.6	15.08
Endosulfan II	LCS933380 #LS KE_	LCSD933380 #LS KED	107.0	108.0	107.5	0.7	0.93
Endosulfan II	LCS934010 #LS KE_	LCSD934010 #LS KED	97.0	100.0	98.5	2.1	.3.05
Endrin	LCS93 1127 #LS K	LCSD93 1127 #LS	112.0	94.0	103.0	12.7	17.48
Endrin	LCS93 1258 #LS K	LCSD93 1258 #LS	101.0	101.0	101.0	0.0	0.00
Endrin	<b>∓</b>	LCSD93 3026 #LS KED	100.0	98.0	99.0	1.4	2.02
Endrin	LCS93~1035 #LS	LCSD93-1035 #LS	98.0	100.0	99.0	1.4	2.02
Endrin	LCS93-1035 #LS	LCSD93-1035 #LS	100.0	102.0	101.0	1.4	1.98
Endrin		CSD93-963 #LS	96.0	49.0	72.5	33.2	64.83
Endrin	LCS931190 #LS K		100.0	107.0	103.5	4.9	6.76
Endrin	LCS931312 #LS KE		0.66	94.0	96.5	3.5	5.18
Endrin	LCS 931352 #LS K	LCSD931352 #LS K	0.66	108.0	103.5	6.4	8.70
Endrin	LCS933380 #LS KE_	LCSD933380 #LS KED	87.0	97.0	92.0	7.1	10.87
Endrin	LCS934010 #LS KE_	LCSD934010 #LS KED	103.0	108.0	105.5	3.5	4.74
Endrin Aldehyde	LCS93 1127 #LS K	LCSD93 1127 #LS	131.0	139.0	135.0	5.7	5.93
Endrin Aldehyde	LCS93 1258 #LS K	LCSD93 1258 #LS	120.0	121.0	120.5	0.7	0.83
Endrin Aldehyde	*	LCSD93 3026 #LS KED	111.0	113.0	112.0	1.4	1.79
Endrin Aldehyde		LCSD93-1035 #LS	112.0	114.0	113.0	1.4	1.77
Endrin Aldehyde	10	LCSD93-1035 #LS	109.0	112.0	110.5	2.1	2.71
Endrin Aldehyde		CSD93-963 #LS	95.0	51.0	73.0	31.1	60.27
Endrin Aldehyde	LCS931190 #LS K	LCSD931120 #LS K	113.0	113.0	113.0	0.0	00.00
Endrin Aldehyde	LCS931312 #LS KE	LCSD931312 #LS K	114.0	113.0	113.5	0.7	0.88
Endrin Aldehyde	LCS 931352 #LS K	LCSD931352 #LS K	100.0	114.0	107.0	9.9	13.08
Endrin Aldehyde	LCS933380 #LS KE_	LCSD933380 #LS KED	124.0	121.0	122.5	2.1	2.45
Endrin Aldehyde	LCS934010 #LS KE_	LCSD934010 #LS KED	110.0	113.0	111.5	2.1	2.69
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected ()	= Data Flag				B9- 73

		Duplicate		Duplicate	Mean	Standard	1
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		
Heptachlor	LCS93 1127 #LS K	LCSD93 1127 #LS	104.0	105.0	104.5	0.7	0.96
Heptachlor	LCS93 1258 #LS K	LCSD93 1258 #LS	88.0	0.09	89.0	1.4	2.25
Heptachlor	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	93.0	93.0	93.0	0.0	00.00
Heptachlor	LCS93-1035 #LS	LCSD93-1035 #LS	87.0	91.0	89.0	2.8	4.49
Heptachlor	LCS93-1035 #LS	LCSD93-1035 #LS	89.0	93.0	91.0	2.8	4.40
Heptachlor	CS93-963 #LS	LCSD93-963 #LS	93.0	49.0	71.0	31.1	61.97
Heptachlor	LCS931190 #LS K	LCSD931120 #LS K	85.0	87.0	86.0	1.4	2.33
Heptachlor	LCS931312 #LS KE	LCSD931312 #LS K	92.0	93.0	92.5	0.7	1.08
Heptachlor	LCS 931352 #LS K	LCSD931352 #LS K	83.0	93.0	88.0	7.1	11.36
Heptachlor	LCS933380 #LS KE_	LCSD933380 #LS KED	106.0	107.0	106.5	0.7	0.94
Heptachlor	LCS934010 #LS KE_	LCSD934010 #LS KED	87.0	90.0	88.5	2.1	3.39
Heptachlor epoxide	LCS93 1127 #LS K	LCSD93 1127 #LS	114.0	113.0	113.5	0.7	0.88
Heptachlor epoxide	LCS93 1258 #LS K	LCSD93 1258 #LS	102.0	103.0	102.5	0.7	0.98
Heptachlor epoxide	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	98.0	98.0	98.0	0.0	0.00
Heptachlor epoxide	LCS93-1035 #LS	LCSD93-1035 #LS	94.0	96.0	95.0	1.4	2.11
Heptachlor epoxide	LCS93-1035 #LS	LCSD93-1035 #LS	0.96	98.0	97.0	1.4	2.06
Heptachlor epoxide	LCS93-963 #LS	CSD93-963 #LS	91.0	48.0	69.5	30.4	61.87
Heptachlor epoxide	LCS931190 #LS K	LCSD931120 #LS K	97.0	100.0	98.5	2.1	3.05
Heptachlor epoxide	LCS931312 #LS KE	LCSD931312 #LS K	0.66	100.0	99.5	0.7	1.01
Heptachlor epoxide	LCS 931352 #LS K	LCSD931352 #LS K	92.0	107.0	99.5	10.6	15.08
Heptachlor epoxide	LCS933380 #LS KE_	LCSD933380 #LS KED	107.0	109.0	108.0	1.4	1.85
Heptachlor epoxide	LCS934010 #LS KE_	LCSD934010 #LS KED	98.0	101.0	99.5	2.1	3.02
Mirex	LCS93 1127 #LS K	LCSD93 1127 #LS	115.0	115.0	115.0	0.0	0.00
Mirex	LCS93 1258 #LS K	LCSD93 1258 #LS	97.0	0.66	98.0	1.4	2.04
Mirex	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	106.0	106.0	106.0	0.0	0.00
Mirex	LCS93-1035 #LS	LCSD93-1035 #LS	101.0	103.0	102.0	1.4	1.96
Mirex	LCS93-1035 #LS	LCSD93-1035 #LS	100.0	102.0	101.0	1.4	1.98
Mirex		LCSD93-963 #LS	98.0	49.0	73.5	34.6	66.67
Mirex	LCS931190 #LS K	LCSD931120 #LS K	103.0	106.0	104.5	2.1	2.87
Mirex	LCS931312 #LS KE	LCSD931312 #LS K	103.0	102.0	102.5	0.7	0.98
Mirex	LCS 931352 #LS K	LCSD931352 #LS K	95.0	109.0	102.0	9.9	13.73
Mirex	LCS933380 #LS KE_	LCSD933380 #LS KED	121.0	122.0	121.5	0.7	0.82
Mirex	LCS934010 #LS KE_	LCSD934010 #LS KED	132.0	100.0	116.0	22.6	27.59
PCB-1016	LCS93 1128 #MP K	LCSD93 1128 #MP	95.0	0.96	95.5	0.7	1.05
PCB-1016	LCS93 1259 #MP K	LCSD93 1259 #MP	83.0	82.0	82.5	0.7	1.21

() = Data Flag

ND = Not Detected

NC = Not Calculable

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Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			!!!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1
PCB-1016	LCS93 3027 #MP KE_	LCSD93 3027 #MP KED	90.0	94.0	92.0	2.8	4.35
PCB-1016	LCS93-1036 #MP	LCSD93-1036 #MP	121.0	109.0	115.0	8.5	10.43
PCB-1016	LCS93-1036 #MP	LCSD93-1036 #MP	123.0	111.0	117.0	8.5	10.26
PCB-1016	LCS93-889 #MP K	LCSD93-889 #MP K	115.0	116.0	115.5	0.7	0.87
PCB-1016	LCS931191 #MP K	LCSD931191 #MP K	114.0	115.0	114.5	0.7	0.87
PCB-1016	LCS 931313 #MP K	LCSD931313 #MP K	87.0	86.0	86.5	0.7	1.16
PCB-1016	LCS 931353 #MP K	LCSD931353 #MP K	0.06	93.0	91.5	2.1	3.28
PCB-1016	LCS933381 #MP KE_	LCSD933381 #MP KED	104.0	105.0	104.5	0.7	96.0
PCB-1016	LCS934011 #MP KE_	LCSD934011 #MP KED	90.0	89.0	89.5	0.7	1.12
PCB-1260	LCS93 1128 #MP K	LCSD93 1128 #MP	97.0	0.96	96.5	0.7	1.04
PCB-1260	LCS93 1259 #MP K	LCSD93 1259 #MP	83.0	84.0	83.5	0.7	1.20
PCB-1260	LCS93 3027 #MP KE_	LCSD93 3027 #MP KED	94.0	95.0	94.5	0.7	1.06
PCB-1260	LCS93-1036 #MP	LCSD93-1036 #MP	118.0	121.0	119.5	2.1	2.51
PC8-1260	LCS93-1036 #MP	LCSD93-1036 #MP	118.0	123.0	120.5	3.5	4.15
PCB-1260	LCS93-889 #MP K	LCSD93-889 #MP K	110.0	110.0	110.0	0.0	0.00
PCB-1260	LCS931191 #MP K	LCSD931191 #MP K	126.0	132.0	129.0	4.2	4.65
PCB-1260	LCS 931313 #MP K	LCSD931313 #MP K	0.68	88.0	88.5	0.7	1.13
PCB-1260	LCS 931353 #MP K	LCSD931353 #MP K	92.0	94.0	93.0	1.4	2.15
PCB-1260	LCS933381 #MP KE_	LCSD933381 #MP KED	100.0	102.0	101.0	1.4	1.98
PCB-1260	LCS934011 #MP KE_	LCSD934011 #MP KED	0.66	98.0	98.5	0.7	1.02
alpha-BHC	LCS93 1127 #LS K	LCSD93 1127 #LS	111.0	111.0	111.0	0.0	00.00
alpha-BHC	LCS93 1258 #LS K	LCSD93 1258 #LS	100.0	100.0	100.0	0.0	0.00
alpha-BHC	LCS93 3026 #LS KE_ ,	LCSD93 3026 #LS KED	96.0	0.96	96.0	0.0	0.00
alpha-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	104.0	110.0	107.0	4.2	5.61
alpha-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	107.0	113.0	110.0	4.2	5.45
alpha-BHC	CS93-963 #LS	CSD93-963 #LS	109.0	56.0	82.5	37.5	64.24
alpha-BHC	LCS931190 #LS K	LCSD931120 #LS K	109.0	113.0	111.0	2.8	3.60
alpha-BHC	LCS931312 #LS KE	LCSD931312 #LS K	91.0	93.0	92.0	1.4	2.17
alpha-BHC	LCS 931352 #LS K	LCSD931352 #LS K	84.0	99.0	91.5	10.6	16.39
alpha-BHC	LCS933380 #LS KE_	LCSD933380 #LS KED	98.0	0.66	98.5	0.7	1.02
alpha-BHC	LCS934010 #LS KE_	LCSD934010 #LS KED	100.0	103.0	101.5	2.1	2.96
alpha-Chlordane	LCS93 1127 #LS K	LCSD93 1127 #LS	121.0	120.0	120.5	0.7	0.83
alpha-Chlordane	LCS93 1258 #LS K	LCSD93 1258 #LS	107.0	109.0	108.0	1.4	1.85
alpha-Chlordane	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	102.0	103.0	102.5	0.7	0.98
alpha-Chlordane	LCS93-1035 #LS	LCSD93-1035 #LS	104.0	107.0	105.5	2.1	2.84
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected ()	= Data Flag				B9- 75

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1	! ! ! ! ! !	1	1 1 1 1 1 1	1 1	1 1 1 1	
alpha-Chlordane	LCS93-1035 #LS	LCSD93-1035 #LS	106.0	109.0	107.5	2.1	2.79
alpha-Chlordane		LCSD93-963 #LS	100.0	51.0	75.5	34.6	64.90
alpha-Chlordane	LCS931190 #LS K	LCSD931120 #LS K	108.0	111.0	109.5	2.1	2.74
alpha-Chlordane	LCS931312 #LS KE	LCSD931312 #LS K	102.0	102.0	102.0	0.0	0.00
alpha-Chlordane	LCS 931352 #LS K	LCSD931352 #LS K	94.0	109.0	101.5	10.6	14.78
alpha-Chlordane	LCS933380 #LS KE_	LCSD933380 #LS KED	111.0	113.0	112.0	1.4	1.79
alpha-Chlordane	LCS934010 #LS KE_	LCSD934010 #LS KED	99.0	102.0	100.5	2.1	2.99
delta-BHC	LCS93 1127 #LS K	LCSD93 1127 #LS	113.0	112.0	112.5	0.7	0.89
delta-BHC	LCS93 1258 #LS K	LCSD93 1258 #LS	101.0	102.0	101.5	0.7	0.99
delta-BHC	LCS93 3026 #LS KE_	LCSD93 3026 #LS KED	100.0	100.0	100.0	0.0	00.00
delta-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	104.0	107.0	105.5	2.1	2.84
delta-BHC	LCS93-1035 #LS	LCSD93-1035 #LS	108.0	110.0	109.0	1.4	1.83
delta-BHC	CS93-963 #LS	LCSD93-963 #LS	107.0	53.0	80.0	38.2	67.50
delta-8HC	LCS931190 #LS K	LCSD931120 #LS K	106.0	110.0	108.0	2.8	3.70
delta-BHC	LCS931312 #LS KE	LCSD931312 #LS K	93.0	94.0	93.5	0.7	1.07
delta-BHC	LCS 931352 #LS K	LCSD931352 #LS K	87.0	103.0	95.0	11.3	16.84
delta-BHC	LCS933380 #LS KE_	LCSD933380 #LS KED	0.66	100.0	99.5	0.7	1.01
delta-BHC	LCS934010 #LS KE_	LCSD934010 #LS KED	112.0	116.0	114.0	2.8	3.51
gamma-BHC(Lindane)	LCS93 1127 #LS K	LCSD93 1127 #LS	109.0	108.0	108.5	0.7	0.92
gamma-BHC(Lindane)	LCS93 1258 #LS K	LCSD93 1258 #LS	97.0	97.0	97.0	0.0	0.00
gamma-BHC(Lindane)	#	LCSD93 3026 #LS KED	0.96	97.0	96.5	0.7	1.04
gamma-BHC(Lindane)		LCSD93-1035 #LS	103.0	107.0	105.0	2.8	3.81
gamma-BHC(Lindane)	LCS93-1035 #LS	LCSD93-1035 #LS	105.0	110.0	107.5	3.5	4.65
gamma-BHC(Lindane)	LCS93-963 #LS	LCSD93-963 #LS	107.0	57.0	82.0	35.4	60.98
gamma-BHC(Lindane)	LCS931190 #LS K	LCSD931120 #LS K	107.0	110.0	108.5	2.1	2.76
gamma-BHC(Lindane)	LCS931312 #LS KE		93.0	95.0	94.0	1.4	2.13
gamma-BHC(Lindane)	LCS 931352 #LS K	LCSD931352 #LS K	86.0	101.0	93.5	10.6	16.04
gamma-BHC(Lindane)	LCS933380 #LS KE_	LCSD933380 #LS KED	100.0	101.0	100.5	0.7	1.00
gamma-BHC(Lindane)	LCS934010 #LS KE_	LCSD934010 #LS KED	100.0	103.0	101.5	2.1	2.96
gamma-Chlordane	LCS93 1127 #LS K	LCSD93 1127 #LS	115.0	114.0	114.5	0.7	0.87
gamma-Chlordane	LCS93 1258 #LS K	LCSD93 1258 #LS	102.0	104.0	103.0	1.4	1.94
gamma-Chlordane	*	LCSD93 3026 #LS KED	95.0	95.0	95.0	0.0	0.00
gamma-Chlordane	LCS93-1035 #LS	LC:593-1035 #LS	96.0	99.0	97.5	2.1	3.08
gamma-Chlordane	10	LCSD93-1035 #LS	98.0	101.0	99.5	2.1	3.02
gamma-Chlordane	LCS93-963 #LS	CSD93-963 #LS	93.0	48.0	70.5	31.8	63.83

() = Data Flag

ND = Not Detected

NC = Not Calculable

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ימיים	odinple 10	Sample ID	ו מים	ן אמר מר ו מר מר	4a - uc	מביום ביום ביום	(%)
gamma-Chlordane	LCS931190 #LS K	LCSD931120 #LS K	0.66	103.0	101.0	2.8	3.96
gamma-Chlordane	LCS931312 #LS KE	LCSD931312 #LS K	95.0	0.96	95.5	0.7	1.05
gamma-Chlordane	LCS 931352 #LS K	LCSD931352 #LS K	88.0	102.0	95.0	6.6	14.74
gamma-Chlordane	LCS933380 #LS KE_	LCSD933380 #LS KED	104.0	105.0	104.5	0.7	96.0
gamma-Chlordane	LCS934010 #LS KE_	LCSD934010 #LS KED	97.0	100.0	98.5	2.1	3.05
Type = Matrix Spike Duplicate (ug/L)	ite (ug/L)						
4,4'-DDT	07-MW-02-DS-03 M	07-MW-02-DS-03 M	89.0	91.0	90.0	1.4	2.22
4,4'-DDT	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.6	0.06	49.5	57.3	163.64
4,4'-DDT	12-MW-02-DS-03 M	12-MW-02-DS-03 M	92.0	85.0	88.5	4.9	7.91
Aldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	15.0	174.0	94.5	112.4	168.25
Aldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	165.0	134.0	149.5	21.9	20.74
Aldrin	12-MW-02-DS-03 M	12-MW-02-DS-03 M	87.0	82.0	84.5	3.5	5.92
Dieldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.6	93.0	51.0	59.4	164.71
Dieldrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	86.0	88.0	87.0	1.4	2.30
Dieldrin	12-MW-02-DS-03 M	12-MW-02-DS-03 M	93.0	88.0	90.5	3.5	5.52
Endrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	101.0	104.0	102.5	2.1	2.93
Endrin	07-MW-02-DS-03 M	07-MW-02-DS-03 M	12.0	125.0	68.5	79.9	164.96
Endrin	12-MW-02-DS-03 M	12-MW-02-DS-03 M	107.0	101.0	104.0	4.2	5.77
Heptachlor	07-MW-02-DS-03 M	07-MW-02-DS-03 M	11.0	115.0	63.0	73.5	165.08
Heptachlor	07-MW-02-DS-03 M	07-MW-02-DS-03 M	73.0	70.0	71.5	2.1	4.20
Heptachlor	12-MW-02-DS-03 M	12-MW-02-DS-03 M	88.0	84.0	. 86.0	2.8	4.65
gamma-BHC(Lindane)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	10.0	0.79	53.5	61.5	162.62
gamma-BHC(Lindane)	07-MW-02-DS-03 M	07-MW-02-DS-03 M	81.0	80.0	80.5	0.7	1.24
gamma-BHC(Lindane)	12-MW-02-DS-03 M	12-MW-02-DS-03 M	100.0	95.0	97.5	3.5	5.13
Method = SW8240 - Volatile Organics	janics						
Type = Field Duplicate (ug/L)	٦٦)						
1,1,1-Trichloroethane	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	S	N.
1,1,2,2-Tetrachloroethane	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	NC	NC
1,1,2-Trichloroethane	02-6W-03-03	02-GW-03-DS-03	QN	QN	NC	SC	NC
1,1-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	ND	QN	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 77

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Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1	• • • • • • • • • • • • • • • • • • • •		1 1	1 1 1 1 1	1 1 1
1,1-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	ON	N	NC	NC	S
1,2,3-Trichloropropane	02GW-03-03	02-GW-03-DS-03	ON	ON	S	S	NC
1,2-Dichloroethane	02-GW-03-03	02-GW-03-DS-03	ON	ON	. NC	NC	SC
1,2-Dichloropropane	02-GW-03-03	02-GW-03-DS-03	ON	N N	S	NC	NC
2-Butanone(MEK)	02-GW-03-03	02-GW-03-DS-03	ON	ON	S	NC	NC
2-Chloroethyl vinyl ether	02-GW-03-03	02-GW-03-DS-03	ON	QN	S	NC	NC .
2-Hexanone	02-GW-03-03	02-GW-03-DS-03	ON	QN	Š	NC	NC
4-Methyl-2-pentanone(MIBK)	02-GW-03-03	02-GW-03-DS-03	ON	ND	NC	2	NC NC
Acetone	02-GW-03-03	02-GW-03-DS-03	QN	ND	NC	NC NC	N.
Benzene	02-GW-03-03	02-GW-03-DS-03	ON	ON	NC NC	S.	N. C
Bromodichloromethane	02-GW-03-03	02-GW-03-DS-03	N	ND	NC	NC N	NC NC
Bromomethane	02-GW-03-03	02-GW-03-DS-03	ON	ON	NC	NC	NC N
Carbon disulfide	02-GW-03-03	02-GW-03-DS-03	ON	S	NC	NC	NC
Carbon tetrachloride	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC
Chlorobenzene	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC
Chloroethane	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC S
Chloroform	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	S	NC NC
Dibromochloromethane	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	S
Dibromomethane	02-GW-03-03	02-GW-03-DS-03	ON	QV	NC	NC	NC NC
Ethyl methacrylate	02-GW-03-03	02-GW-03-DS-03	QN	ON	NC	NC	NC
Ethylbenzene	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC
Iodomethane	02-GW-03-03	02-GW-03-DS-03	ON	QV	NC	NC	NC
Methylene chloride	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC
Styrene	02-GW-03-03	02-GW-03-DS-03	ON	QN.	NC	NC	S
Tetrachloroethene	02-GW-03-03	02-GW-03-DS-03	ON.	N	NC	NC	NC N
Toluene	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	NC	NC
Tribromomethane(Bromoform)	02-GW-03-03	02-GW-03-DS-03	ON	QN	NC	NC	NC
Trichloroethene	02-GW-03-03	02-GW-03-DS-03	ON	ON	NC	NC	NC
Trichlorofluoromethane	02-GW-03-03	02-GW-03-DS-03	QN	N	NC	NC	NC
Vinyl acetate	02-GW-03-03	02-GW-03-DS-03	QV	ON.	N S	NC	NC
Vinyl chloride	02-GW-03-03	02-GW-03-DS-03	· ON	QN	NC	NC	NC
Xylene (total)	02-GW-03-03	02-GW-03-DS-03	QN	N	NC	NC	NC
cis-1,3-Dichloropropene	02-GW-03-03	02-GW-03-DS-03	ON.	ON.	NC	NC	NC
trans-1,2-Dichloroethene	02-GW-03-03	02-GW-03-DS-03	QN	ND	NC	NC	NC
trans-1,3-Dichloropropene	02-GW-03-03	02~GW-03-DS-03	QN	ND	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 78
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	sample 1D	Sample ID	Value	Value	Value	Deviation	RPD (%)
trans-1,4-Dichloro-2-butene	02-GW-03-03	02-GW-03-DS-03	QN	QN	NC	NC	NC I
Type = Laboratory Control Duplicate (ug/L)	uplicate (ug/L)						
1,1,1-Trichloroethane	LCS931797	LCS931798	102.0	93.0	97.5	6.4	9.23
1,1,2,2-Tetrachloroethane	LCS931797	LCS931798	0.76	0.06	93.5	4.9	7.49
1,1,2-Trichloroethane	LCS931797	LCS931798	95.0	89.0	92.0	4.2	6.52
1,1-Dichloroethane	LCS931797	LCS931798	107.0	94.0	100.5	9.2	12.94
1,1-Dichloroethene	LCS931797	LCS931798	93.0	85.0	89.0	5.7	8.99
1,2-Dichloroethane	LCS931797	LCS931798	112.0	91.0	101.5	14.8	20.69
1,2-Dichloropropane	LCS931797	LCS931798	111.0	95.0	103.0	11.3	15.53
2-Butanone(MEK)	LCS931797	LCS931798	94.0	93.0	93.5	0.7	1.07
2-Chloroethyl vinyl ether	LCS931797	LCS931798	141.0	117.0	129.0	17.0	18.60
2-Hexanone	LCS931797	LCS931798	84.0	94.0	89.0	7.1	11.24
4-Methyl-2-pentanone(MIBK)	LCS931797	LCS931798	85.0	81.0	83.0	2.8	4.82
Acetone	LCS931797	LCS931798	105.0	86.0	95.5	13.4	19.90
Benzene	LCS931797	LCS931798	103.0	100.0	101.5	2.1	2.96
Bromodichloromethane	LCS931797	LCS931798	108.0	93.0	100.5	10.6	14.93
Bromomethane	LCS931797	LCS931798	78.0	68.0	73.0	7.1	13.70
Carbon disulfide	LCS931797	LCS931798	103.0	81.0	92.0	15.6	23.91
Carbon tetrachloride	LCS931797	LCS931798	107.0	97.0	102.0	7.1	9.80
Chlorobenzene	LCS931797	LCS931798	125.0	118.0	121.5	4.9	5.76
Chloroethane	LCS931797	LCS931798	138.0	72.0	105.0	46.7	62.86
Chloroform	LCS931797	LCS931798	100.0	95.0	97.5	3.5	5.13
Chloromethane	LCS931797	LCS931798	70.0	76.0	73.0	4.2	8.22
Dibromochloromethane	LCS931797	LCS931798	104.0	97.0	100.5	4.9	6.97
Ethylbenzene	LCS931797	LCS931798	95.0	100.0	97.5	3.5	5.13
Styrene	LCS931797	LCS931798	113.0	105.0	109.0	5.7	7.34
Tetrachloroethene	LCS931797	LCS931798	94.0	89.0	91.5	3.5	5.46
Toluene	LCS931797	LCS931798	102.0	0.66	100.5	2.1	2.99
Tribromomethane(Bromoform)	LCS931797	LCS931798	98.0	91.0	94.5	4.9	7.41
Trichloroethene	LCS931797	LCS931798	100.0	93.0	96.5	4.9	7.25
Trichlorofluoromethane	LCS931797	LCS931798	130.0	55.0	92.5	53.0	81.08
Vinyl acetate	LCS931797	LCS931798	633.0	597.0	615.0	25.5	5.85
Xylene (total)	LCS931797	LCS931798	101.0	102.0	101.5	0.7	0.99

		Duplicate		Ouplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
cis-1 3-Dichloronronene	1 55031707	00000	1 7				1
trans-1 2-Dichlorosthono	100301707	1,05031700	109.0	99.0	104.0	7.1	9.65
there is not all a	18/1/8/	LC3931/98	10/.0	88.0	97.5	13.4	19.49
rans-1,3-Dicnioropropene	LCS931/9/	LCS931798	100.0	92.0	0.96	5.7	8.33
Method = SW8270 - Semivolatile Organics	le Organics						
Type = Field Duplicate (ug/L)	1/۲)						
1,2,4-Trichlorobenzene	05-MW-03-03	05-MW-03-DS-03	S	S	2	Z	2
1,2,4-Trichlorobenzene	05-MW-14-01	05-MW-14-DS-01	Q Q	2 2	2 2	ב א כ	N N
1,2,4-Trichlorobenzene	06-MW-07-01	06-MW-07-DS-01	: Q	Q.V	S C	<u> </u>	S S
1,2,4-Trichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ON	N	S	S S	2 2
1,2,4-Trichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ON	ND	NC	NC	N S
1,2,4-Trichlorobenzene	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	NC
1,2-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	NC	NC
1,2-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	SC	SC
1,2~Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	NC NC
1,2-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC .	NC
1,2-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ON	S	NC	NC	NC
1,2-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ON	N ON	NC	NC	NC
1,3-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ND	ON	NC	S	NC
1,3-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	NC
1,3-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	SC	S
1,3-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	QN	Q.	NC	NC	NC
1,3-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	NC	NC
1,3-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	QN	GN	NC	NC	NC
1,4-Dichlorobenzene	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	NC	NC
1,4-Dichlorobenzene	05-MW-14-01	05-MW-14-DS-01	ON	QN	NC	NC	NC
1,4-Dichlorobenzene	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	NC .
1,4-Dichlorobenzene	07-MW-02-03	07-MW-02-DS-03	QN	ND	NC	NC	NC
1,4-Dichlorobenzene	08-SW-01-01	08-SW-01-DS-01	QN	NO.	NC .	Š	SC
1,4-Dichlorobenzene	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC	S
2,4,5-Trichlorophenol	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	Š	S
2,4,5-Trichlorophenol	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	NC	NC
2,4,5-Trichlorophenol	06-MW~07-01	06-MW-07-DS-01	QN	ND	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = No+ Detected	() = Note = ()				
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2,4,5-Trichlorophenol	07-MW-02-03	07-MW-02-DS-03	QN	2	NC	S	NC
2,4,5-Trichlorophenol	08-SW-01-01	08-SW-01-DS-01	Q.	QV.	NC	SC	NC
2,4,5-Trichlorophenol	12-MW-02-03	12-MW-02-DS-03	QN N	N	NC	NC	NC
2,4,6-Trichlorophenol	05-MW-03-03	05-MW-03-DS-03	QN	ON.	NC	NC	NC
2,4,6-Trichlorophenol	05-MW-14-01	05-MW-14-DS-01	ON	S	NC	NC	NC
2,4,6-Trichlorophenol	06-MW-07-01	06-MW-07-DS-01	QN	QV.	NC	NC	NC
2,4,6-Trichlorophenol	07-MW-02-03	07-MW-02-DS-03	QN	Q.	NC	SC	NC
2,4,6-Trichlorophenol	08-SW-01-01	08-SW-01-DS-01	ON	QX	NC	NC	NC
2,4,6-Trichlorophenol	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	S	NC
2,4-Dichlorophenol	05-MW-03-03	05-MW-03-DS-03	ON.	QN	NC	NC	NC
2,4-Dichlorophenol	05-MW-14-01	. 05-MW-14-DS-01	ON	ND ON	NC	NC	NC
2,4-Dichlorophenol	06-MW-07-01	06-MW-07-DS-01	ON	S	NC	SC	NC
2,4-Dichlorophenol	07-MW-02-03	07-MW-02-DS-03	QN	Q	NC	NC	NC
2,4-Dichlorophenol	08-SW-01-01	08-SW-01-DS-01	Q	QV	NC	SC	NC
2,4-Dichlorophenol	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	NC
2,4-Dimethylphenol	05-MW-03-03	05-MW-03-DS-03	4.9	4.0	4.4	0.7	21.17
2,4-Dimethylphenol	05-MW-14-01	05-MW-14-DS-01	QN	S	NC	NC	NC
2,4-Dimethylphenol	06-MW-07-01	06-MW-07-DS-01	QN	Q	NC	S	NC
2,4-Dimethylphenol	07-MW-02-03	07-MW-02-DS-03	ON	9	NC	NC	NC
2,4-Dimethylphenol	08-SW-01-01	08-SW-01-DS-01	ON	QV	NC	NC	NC
2,4-Dimethylphenol	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	NC	NC
2,4-Dinitrophenol	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	NC	NC
2,4-Dinitrophenol	05-MW-14-01	05-MW-14-DS-01	ON.	QN	NC	SC	NC
2,4-Dinitrophenol	06-MW-07-01	06-MW-07-DS-01	ON	S	NC	S	NC
2,4-Dinitrophenol	07-MW-02-03	07~MW-02-DS-03	ON	Q.	NC	NC	NC
2,4-Dinitrophenol	08-SW-01-01	08-SW-01-DS-01	ON.	8	NC	SC	NC
2,4-Dinitrophenol	12-MW-02-03	12-MW-02-DS-03	QN N	Q.	NC	SC	NC
2,4-Dinitrotoluene	05-MW-03-03	05-MW-03-DS-03	ON	Q	NC	NC NC	NC
2,4-Dinitrotoluene	05-MW-14-01	05-MW-14-DS-01	ON	Q.	SC	NC .	NC
2,4-Dinitrotoluene	06-MW-07-01	06-MW-07-DS-01	Q.	QN	NC	S	NC
2,4-Dinitrotoluene	07-MW-02-03	07-MW-02-DS-03	Q.	QN	NC	NC	NC
2,4-Dinitrotoluene	08-SW-01-01	08-SW-01-DS-01	ON	QN	S	NC	NC
2,4-Dinitrotoluene	12-MW-02-03	12-MW-02-DS-03	Q.	QN	S	SC	NC
2,6-Dinitrotoluene	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	S	NC
2,6-Dinitrotoluene	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 81

Parameter  2,6-Dinitrotoluene  2,6-Dinitrotoluene  2,6-Dinitrotoluene  2,6-Dinitrotoluene  2,6-Dinitrotoluene  2,6-Dinitrotoluene  2,6-Dinitrotoluene  2,6-Dinitrotoluene  2-Chloronaphthalene  2-Chloronaphthalene  3,6-MW-02-03  2-Chloronaphthalene  3,6-MW-02-03  2-Chlorophenol  3,6-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-MW-02-03  3,0-	Sample ID 06-MW-07-0S-01 07-MW-02-0S-03 08-SW-01-0S-01 12-MW-02-0S-03 05-MW-07-0S-01 06-MW-07-0S-01 07-MW-02-0S-03 08-SW-01-0S-01 12-MW-02-0S-03 08-SW-01-0S-01 07-MW-03-0S-03 08-SW-01-0S-01 12-MW-03-0S-03 06-MW-07-0S-01 07-MW-02-0S-03 06-WW-01-0S-01 12-MW-02-0S-03 06-WW-01-0S-01	Value 	Value ND ND	Value	Deviation	RPD (%)
luene luene luene luene luene luene luene lualene lalene l		QN QN QN	ON CN	!		
luene luene luene luene lalene		2 8 8 9	ON ON	:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
luene luene luene luene lalene		Q Q Q	2	. N	NC	Š
uene   uene   ualene   ualen		9 9 9 9	2	NC	NC	NC
uene   ualene   ual		QN S	QV	NC	NC	NC
nalene nalene nalene nalene nalene nalene nalene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)			QN N	NC	NC	NC
nalene nalene nalene nalene nalene nalene alene alene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		2	QN	S	NC	N.
nalene halene ha		ON	8	S	Ü	) <u>C</u>
nalene halene ha		QN	QN	S N	) (_	) <u>v</u>
nalene halene ha		QN	Q.	S	) 2	) <u>C</u>
nalene lalene lalene lalene lalene lalene lalene lalene lo-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		QN	QN	) N	) <u>C</u>	2 2
		QN	2	S X	O C	5 S
nalene halene ha		QN	Q	N C	) S	2 2
nalene halene halene halene alene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		ON	Q	) N	2 2	S S
nalene halene halene halene alene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		QN	Q	NC NC	2 2	S N
nalene nalene nalene nalene alene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		QN	QN	NC.	2	2 2
nalene halene halene halene halene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		ON	QN	NC NC	NC N	N.
nalene lalene lalene lalene lalene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		ON	QN	NC NC	NC NC	NC C
		3.6	3.2	3.4	0.3	11.18
lalene lalene lalene alene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)	05-MW-14-DS-01	ON	ND	NC	NC NC	NC .
alene alene alene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)	06-MW-07-DS-01	QN	ND	NC	NC	2
alene (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)		ON	ND	NC	NC NC	N S
(o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)	08-SW-01-DS-01	ON	N	NC	NC S	2
(o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)	12-MW-02-DS-03	ON	QN	NC	2	NC N
(o-cresol) (o-cresol) (o-cresol) (o-cresol) (o-cresol)	05-MW-03-DS-03	21.4	13.2	17.3	5.8	47.40
(o-cresol) (o-cresol) (o-cresol) (o-cresol)	05-MW-14-DS-01	QN	ON	NC	2	NC NC
(o-cresol) (o-cresol)	06-MW-07-DS-01	ON	ON.	NC	NC	2
(o-cresol)	07-MW-02-DS-03	ON	ON	NC	S	SC
(o-cresol)	08-SW-01-DS-01	ON	S	NC	WC .	NC
	12-MW-02-DS-03	ON	QN	NC	NC	NC
	05-MW-03-DS-03	ON.	ON	NC	NC	NC
	05-MW-14-DS-01	Q.	ON	NC	N.	NC N
	06-MW-07-DS-01	QN.	QN	NC	NC	NC
	07-MW-02-DS-03	QN	QN	NC	2	N.
	08-SW-01-DS-01	ON	QN.	NC NC	NC	. Z
2-Nitroaniline 12-MW-02-03	12-MW-02-DS-03	ON	N	S S	2	달
2-Nitrophenol 05-MW-03-03	05-MW-03-DS-03	QN	ND	NC	NC	NC
Compiled: 10 May 1994 NC = Not Calculable	ilculable ND = Not Detected	() = Data Flac				
	!	. 1				89-82



		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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2-Nitrophenol	05-MW-14-01	05-MW-14-DS-01	ON N	ON.	NC	NC	S
2-Nitrophenol	06-MW-07-01	06-MW-07-DS-01	ON	ON .	NC	SC	S
2-Nitrophenol	07-MW-02-03	07-MW-02-DS-03	QN	N	NC	NC	NC
2-Nitrophenol	08-SW-01-01	08-SW-01-DS-01	ON	N	NC	NC	SC
2-Nitrophenol	12-MW-02-03	12-MW-02-DS-03	ON .	NO.	NC	NC	S
3,3'-Dichlorobenzidine	05-MW-03-03	05-MW-03-DS-03	ON	Q	NC	NC	S
3,3'-Dichlorobenzidine	05-MW-14-01	05-MW-14-DS-01	ON	ND ND	NC	NC	NC
3,3'-Dichlorobenzidine	06-MW-07-01	06-MW-07-DS-01	QN	Q.	NC	NC	SC
3,3'-Dichlorobenzidine	07-MW-02-03	07-MW-02-DS-03	ON ND	QN	SC	NC	S
3,3'-Dichlorobenzidine	08-SW-01-01	08-SW-01-DS-01	ON	2	NC	NC	NC
3,3'-Dichlorobenzidine	12-MW-02-03	12-MW-02-DS-03	ON	S	NC	NC	S
3-Nitroaniline	05-MW-03-03	05-MW-03-DS-03	QN	ON.	NC	NC	NC
3-Nitroaniline	05-MW-14-01	05-MW-14-DS-01	QN	Q.	NC	S	NC
3-Nitroaniline	06-MW-07-01	06-MW-07-DS-01	QN	S	NC	NC	NC
3-Nitroaniline	07-MW-02-03	07-MW-02-DS-03	QN	Q.	NC	SC	NC
3-Nitroaniline	08-SW-01-01	08-SW-01-DS-01	QN	ON.	NC	NC	NC
3-Nitroaniline	12-MW-02-03	12-MW-02-DS-03	ON	ON	NC	NC	SC
4,6-Dinitro-2-methylphenol	05-MW-03-03	05-MW-03-DS-03	QN	QN N	NC	NC	NC
4,6-Dinitro-2-methylphenol	05-MW-14-01	05-MW-14-DS-01	Q	ND ND	NC	SN .	NC
4,6-Dinitro-2-methylphenol	06-MW-07-01	. 06-MW-07-DS-01	Q	ON	SC	S	SC
4,6-Dinitro-2-methylphenol	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	NC NC	NC
4,6-Dinitro-2-methylphenol	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	SC	SC
4,6-Dinitro-2-methylphenol	12-MW-02-03	12-MW-02-DS-03	QN	N	NC	S	NC
	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	SC
	05-MW-14-01	05-MW-14-DS-01	QN	N	NC	NC	SC
	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	NC	NC
4-Bromophenyl phenyl ether	07-MW-02-03	07-MW-02-DS-03	QN	ON	S	SC	NC
4-Bromophenyl phenyl ether	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	NC	NC
4-Bromophenyl phenyl ether	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	NC
4-Chloro-3-methylphenol	05-MW-03-03	05-MW-03-DS-03	QN	N	NC	S	NC
4-Chloro-3-methylphenol	05-MW-14-01	05-MW-14-DS-01	Q	QN	SC	NC	NC
4-Chloro-3-methylphenol	06-MW-07-01	06-MW-07-DS-01	Q	ON.	NC	NC.	NC
4-Chloro-3-methylphenol	07-MW-02-03	07-MW-02-DS-03	QN	N	NC	NC	S
4-Chloro-3-methylphenol	08-SW-01-01	· 08-SW-01-DS-01	ON	N	NC	NC	NC
4-Chloro-3-methylphenol	12-MW-02-03	12-MW-02-DS-03	QN	QN	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 83

		Duplicate		Dunlicate	Moan	C+andand	:
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
4-Chloroaniline	05_MU_03_03	OF W. 02 00	1		1 1		1
	00-00-mi-00	CO-CO-MH-CO	a R	ON	2	S	2
4-Chloroaniline	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	SC
4-Chloroaniline	06-MW-07-01	06-MW-07-DS-01	QN .	QN	NC	NC	NC
4-Chloroaniline	07-MW-02-03	07-MW-02-DS-03	QV	QN	NC	NC	NC
4-Chloroaniline	08-SW-01-01	08-SW-01-DS-01	QN	ON	NC	NC	S
4-Chloroaniline	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	NG C
4-Chlorophenyl phenyl ether	05-MW-03-03	05-MW-03-DS-03	ON	Q	NC	S	S
4-Chlorophenyl phenyl ether	05-MW-14-01	05-MW-14-DS-01	ON	N N	NC	S	N S
4-Chlorophenyl phenyl ether	06-MW-07-01	06-MW-07-DS-01	ON	N	S	S	NC.
4-Chlorophenyl phenyl ether	07-MW-02-03	07-MW-02-DS-03	ON N	QN	2	N S	N. C.
phenyl	08-SW-01-01	· 08-SW-01-DS-01	ON .	QN	N	S	N.
4-Chlorophenyl phenyl ether	12-MW-02-03	12-MW-02-DS-03	ON.	QN	NC	NC	NC
4-Methylphenol(p-cresol)	05-MW-03-03	05-MW-03-DS-03	24.8 (F)	15.3	20.1	6.7	47.38
4-Methylphenol(p-cresol)	05-MW-14-01	05-MW-14-DS-01	QN	ND	S	S	NC N
4-Methylphenol(p-cresol)	06-MW-07-01	06-MW-07-DS-01	ND	ON	NC	NC	NC
4-Methylphenal(p-cresol)	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC	N.
4-Methylphenol(p-cresol)	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	NC	SC
4-Methylphenol(p.cresol)	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC	N N
4-Nitroaniline	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	NC
4-Nitroaniline	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	NC	NC C
4-Nitroaniline	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	NC	NC
4-Nitroaniline	07-MW-02-03	07-MW-02-DS-03	ON	ND	NC	NC	NC
4-Nitroaniline	08-SW-01-01	08-SW-01-DS-01	ON	N	NC	NC	NC
4-Nitroaniline	12-MW-02-03	12-MW-02-DS-03	ND	ON	NC	NC	NC
4-Nitrophenol	05-MW-03-03	05-MW-03-DS-03	ON	ND	NC	NC	NC
4-Nitrophenol	05-MW-14-01	05-MW-14-DS-01	ON	S	NC	NC	NC
4-Nitrophenol	06-MW-07-01	06-MW-07-DS-01	, QN	QN V	NC	NC	NC
4-Nitrophenol	07-MW-02-03	07-MW-02-DS-03	Ş	ON	NC	NC	NC
4-Nitrophenol	08-SW-01-01	08-SW-01-DS-01	QN	QN N	NC	NC	NC
4-Nitrophenol	12-MW-02-03	12-MW-02-DS-03	ON.	ON	NC	NC	NC
Acenaphthene	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	S	NC NC
Acenaphthene	05-MW-14-01	05-MW-14-DS-01	ON	Q.	S	S	NC NC
Acenaphthene	06-MW-07-01	06-MW-07-DS-01	QN	QV	NC	2	2 2
Acenaphthene	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	S	2
Acenaphthene	08-SW-01-01	08-SW-01-DS-01	QN	ND	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 84
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Parameter	0 - L 3	Sample ID	Value	Value	פייניא		
	sample ID	1 )	;		Value	Deviation	RPD (%)
-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1		‡ 1 1 1	1 1 1	
Acenaphthene	12-MW-02-03	12-MW-02-DS-03	ON.	ON	NC	NC	2
Acenaphthylene	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	오
Acenaphthy]ene	05-MW-14-01	05-MW-14-DS-01	Q	QN	NC	S	2
Acenaphthylene	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	NC	2
Acenaphthylene	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	NC	2
Acenaphthylene	08-SW-01-01	08-SW-01-DS-01	ON	ON	NC	NC	ջ
Acenaphthylene	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	Ş
Anthracene	05-MW-03-03	05~MW-03-DS-03	QN	QN	NC	NC	2
Anthracene	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	Ş
Anthracene	06-MW-07-01	06-MW-07-DS-01	QN N	ON .	NC	NC	S
Anthracene	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	NC	皇
Anthracene	08-SW-01-01	08-SW-01-DS-01	ON	ON	NC	NC	NC
Anthracene	12-MW-02-03	12-MW-02-DS-03	QN	QN	NC	NC	S
Benzo(a)anthracene	05-MW-03-03	05-MW-03-DS-03	ON	QN N	NC	SC	NC
Benzo(a)anthracene	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	S
Benzo(a)anthracene	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	Ş
Benzo(a)anthracene	07-MW-02-03	07-MW-02-DS-03	Q	QN	NC	SC	S
Benzo(a)anthracene	08-SW-01-01	08-SW-01-DS-01	QN	ON	NC	SC	S
Benzo(a)anthracene	12-MW-02-03	12-MW-02-DS-03	QN	ON	NC	NC	NC
Benzo(a)pyrene	05-MW-03-03	05-MW-03-DS-03	ON	N N	NC	NC	S.
Benzo(a)pyrene	05-MW-14-01	05-MW-14-DS-01	ON	QN N	NC	NC	NC
Benzo(a)pyrene	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	S	SC
Benzo(a)pyrene	07-MW-02-03	07-MW-02-DS-03	ON	QN.	S	SC	S
Benzo(a)pyrene	08-SW-01-01	08-SW-01-DS-01	Q.	QN	NC	S	NC
Benzo(a)pyrenė	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	NC	Š
Benzo(b)fluoranthene	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC.	S	S
Benzo(b)fluoranthene	05-MW-14-01	05-MW-14-DS-01	QN	QN	NC	NC	S
Benzo(b)fluoranthene	06-MW-07-01	06-MW-07-DS-01	QN N	ND	NC	NC	S
Benzo(b)fluoranthene	07-MW-02-03	07-MW-02-DS-03	QN	ON	NC	SC	S
Benzo(b)fluoranthene	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	NC	SC
Benzo(b)fluoranthene	12-MW-02-03	12-MW-02-DS-03	QN	ON.	NC	NC	S
Benzo(g,h,i)perylene	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	NC	S
Benzo(g,h,i)perylene	05-MW-14-01	05-MW-14-DS-01	QN	ND ND	NC	NC	5
Benzo(g,h,i)perylene	06-MW-07-01	06-MW-07-DS-01	QN	QN	NC	NC	Ş
Benzo(g,h,i)perylene	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	NC	NC
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		Duplicate		Ouplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1		1 1 5 1 5 1 5 1	1 1	!	1 1 1 1 1 1 1 1
Benzo(g,h,i)perylene	08-SW-01-01	08-SW-01-DS-01	ON	ND ND	NC	NC	SC
Benzo(g,h,i)perylene	12-MW-02-03	12-MW-02-DS-03	ON.	QN .	NC	SC	NC
Benzo(k)fluoranthene	05-MW-03-03	05-MW-03-DS-03	ON	N.	NC	NC	NC
Benzo(k)fluoranthene	05-MW-14-01	05-MW-14-DS-01	ON	QV	NC	NC	SC
Benzo(k)fluoranthene	06-MW-07-01	06-MW-07-DS-01	QN	9	NC	NC	NC
Benzo(k)fluoranthene	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC	NC
Benzo(k)fluoranthene	08-SW-01-01	08-SW-01-DS-01	NO	QN	NC	NC	NC
Benzo(k)fluoranthene	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC N	NC
Benzoic acid	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	NC	NC
Benzoic acid	05-MW-14-01	05-MW-14-DS-01	ON	QN	NC	NC	NC NC
Benzoic acid	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	NC	NC
Benzoic acid	07-MW-02-03	07-MW-02-DS-03	ON	ON	NC	NC	NC
Benzoic acid	08-SW-01-01	08-SW-01-DS-01	ON	ON	NC	NC	NC
Benzoic acid	12-MW-02-03	12-MW-02-DS-03	ON	QN	S	NC	NC
Benzyl alcohol	05-MW-03-03	05-MW-03-DS-03	2.8	2.1	2.5	0.5	31.36
Benzyl alcohol	05-MW-14-01	05-MW-14-DS-01	ND	ON	NC	NC	S
Benzyl alcohol	06-MW-07-01	06-MW-07-DS-01	ON	QN	NC	NC	NC
Benzyl alcohol	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	NC	SC
Benzyl alcohol	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	NC	NC
Benzyl alcohol	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	NC	NC
Butylbenzylphthalate	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	NC	NC
Butylbenzylphthalate	05-MW-14-01	05-MW-14-DS-01	ON	QN	NC	NC	NC
Butylbenzylphthalate	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	NC	NC
Butylbenzylphthalate	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	NC	NC
Butylbenzylphthalate	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	NC	NC
Butylbenzylphthalate	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	S	NC
Chrysene	05-MW-03-03	05-MW-03-DS-03	QN	ND	NC	NC	NC
Chrysene	05-MW-14-01	05-MW-14-DS-01	ON	ND	NC	NC	NC
Chrysene	06-MW-07-01	06-MW-07-DS-01	Q.	QN	NC	NC	NC
Chrysene	07-MW-02-03	07-MW-02-DS-03	QN	N	NC	NC	NC
Chrysene	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	NC	NC
Chrysene	12-MW-02-03	12-MW-02-DS-03	Q.	QN	NC	NC	NC
Di-n-butylphthalate	05-MW-03-03	05-MW-03-DS-03	QN .	ON	NC	NC	NC
Di-n-butylphthalate	05-MW-14-01	05-MW-14-DS-01	9	QN	NC	NC	NC
Di-n-butylphthalate	06-MW-07-01	06-MW-07-DS-01	QN	ND	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89-86

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1		!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!	1 1 1 1 1 1	!
Di-n-butylphthalate	07-MW-02-03	07-MW-02-DS-03	ON	QN.	NC	NC	S
Di-n-butylphthalate	08-SW-01-01	08-SW-01-DS-01	QN	ON	NC	NC	NC
Di-n-butylphthalate	12-MW-02-03	12-MW-02-DS-03	Q	QN	NC	NC	NC
Di-n-octylphthalate	05-MW-03-03	05-MW-03-DS-03	QN	ON	NC	NC	SC
Di-n-octylphthalate	05-MW-14-01	05-MW-14-DS-01	ON .	ON	S	NC	S
Di-n-octylphthalate	06-MW-07-01	06-MW-07-DS-01	QN	QN	NC	NC	S
Di-n-octylphthalate	07-MW-02-03	07-MW-02-DS-03	QN	NO	NC	NC	SC
Di-n-octylphthalate	08-SW-01-01	08-SW-01-DS-01	Q	QN	NC	SC	SC
Di-n-octylphthalate	12-MW-02-03	12-MW-02-DS-03	Q	QV	NC	SC	NC
Dibenz(a,h)anthracene	05-MW-03-03	05-MW-03-DS-03	N N	NO.	NC	NC	S
Dibenz(a,h)anthracene	05-MW-14-01	05-MW-14-DS-01	QN	ON	S	NC	S
Dibenz(a,h)anthracene	06-MW-07-01	06-MW-07-DS-01	QN	NO NO	NC	NC	NC
Dibenz(a,h)anthracene	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	NC	SC
Dibenz(a,h)anthracene	08-SW-01-01	08-SW-01-DS-01	ON	Q.	NC	NC.	NC
Dibenz(a,h)anthracene	12-MW-02-03	12-MW-02-DS-03	ON	QN	S	NC	S
Dibenzofuran	05-MW-03-03	05-MW-03-DS-03	ON	S	NC	NC	SC
Dibenzofuran	05-MW-14-01	05-MW-14-DS-01	QN .	QN	NC	S	NC
Dibenzofuran	06-MW-07-01	06-MW-07-DS-01	QN	QN	NC	NC	NC
Dibenzofuran	07-MW-02-03	07-MW-02-DS-03	QV	Q	NC	NC	NC
Dibenzofuran	08-SW-01-01	08-SW-01-DS-01	ON	S	NC	NC	S
Dibenzofuran	12-MW-02-03	12-MW-02-DS-03	QN	Q.	NC	NC	NC
Diethylphthalate	05-MW-03-03	05-MW-03-DS-03	QN	Q.	NC	NC	NC
Diethylphthalate	05-MW-14-01	05-MW-14-DS-01	QN	S	NC	NC	S
Diethylphthalate	06-MW-07-01	06-MW-07-DS-01	2	Q	NC	NC	NC
Diethylphthalate	07-MW-02-03	07-MW-02-DS-03	Q.	ND ND	NC	NC	NC
Diethylphthalate	08-SW-01-01	08-SW-01-DS-01	2	2	NC	NC	NC
Diethylphthalate	12-MW-02-03	12-MW-02-DS-03	Q	Q	NC	NC	NC
Dimethylphthalate	05-MW-03-03	05-MW-03-DS-03	ON	Q	NC	NC	NC
Dimethylphthalate	05-MW-14-01	05-MW-14-DS-01	S	Q	NC	NC	NC
Dimethylphthalate	06-MW-07-01	06-MW-07-DS-01	QN N	QV	NC	SC	NC
Dimethylphthalate	07-MW-02-03	07-MW-02-DS-03	Q	QN	NC	NC	S
Dimethylphthalate	08-SW-01-01	08-SW-01-DS-01	Q.	Q.	NC	SC	NC
Dimethylphthalate	12-MW-02-03	12-MW-02-DS-03	Q.	Q	NC	NC	NC
Diphenylamine/N-NitrosoDPA	05-MW-14-01	05-MW-14-DS-01	ON	Q	NC	S	NC
Diphenylamine/N-NitrosoDPA	06-MW-07-01	06-MW-07-DS-01	QN	Q	S	S	SC

() = Data Flag

ND = Not Detected

NC = Not Calculable

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
			1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1 1	. !
Diphenylamine/N-NitrosoDPA	08-SW-01-01	08-SW-01-DS-01	ON	ON	NC	SC	NC
Diphenylamine/N-NitrosoDPA	12-MW-02-03	12-MW-02-DS-03	QN	QN	NC	NC NC	S
Fluoranthene	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	S	NC NC
Fluoranthene	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	SN	NC NC
Fluoranthene	06-MW-07-01	06-MW-07-DS-01	ON	Q.	NC	NC	S
Fluoranthene	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	NC	S
Fluoranthene	08-SW-01-01	08-SW-01-DS-01	QV	ON	NC	NC	2
Fluoranthene	12-MW-02-03	12-MW-02-DS-03	QN	ON	S	NC.	NC NC
Fluorene	05-MW-03-03	05-MW-03-DS-03	QN	ON	N N	NC S	) N
Fluorene	05-MW-14-01	05-MW-14-DS-01	ON	ND	NC	NC	S
Fluorene	06-MW-07-01	06-MW-07-DS-01	QN	NO	NC	NC	NC
Fluorene	07-MW-02-03	07-MW-02-DS-03	ON	NO	NC	NC	S
Fluorene	08-SW-01-01	08-SW-01-DS-01	QN	ND	NC	NC	NC
Fluorene	12-MW-02-03	12-MW-02-DS-03	ON	ON.	NC	NC	S
Hexachlorobenzene	05-MW-03-03	05-MW-03-DS-03	ON	ON .	NC	NC	NC
Hexachlorobenzene	05-MW-14-01	05-MW-14-DS-01	QN	ND	NC	S	S
Hexachlorobenzene	06-MW-07-01	06-MW-07-DS-01	Q.	ND	NC	NC	NC
Hexachlorobenzene	07-MW-02-03	07-MW-02-DS-03	QN	ND	NC	NC	NC
Hexachlorobenzene	08-SW-01-01	08-SW-01-DS-01	GN	ND	NC	NC	NC
Hexachlorobenzene	12-MW-02-03	12-MW-02-DS-03	QN	ND	NC	NC	NC
Hexachlorobutadiene	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	NC
Hexachlorobutadiene	05-MW-14-01	05-MW-14-DS-01	ON	NO.	NC	NC	NC
Hexachlorobutadiene	06-MW-07-01	06-MW-07-DS-01	QN	QN	NC	NC	NC
Hexachlorobutadiene	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	NC	NC
Hexachlorobutadiene	08-SW-01-01	08-SW-01-DS-01	QN	ON	NC	NC	NC
Hexachlorobutadiene	12-MW-02-03	12-MW-02-DS-03	QN	NO ON	NC	NC	NC
Hexachlorocyclopentadiene	05-MW-03-03	05-MW-03-DS-03	Q	Q.	NC	NC	NC
Hexachlorocyclopentadiene	05-MW-14-01	05-MW-14-DS-01	S	ON.	NC	NC	NC
Hexachlorocyclopentadiene	06-MW-07-01	06-MW-07-DS-01	QN	QV	NC	NC	NC
Hexachlorocyclopentadiene	. 07-MW-02-03	07-MW-02-DS-03	Q.	QN	NC	NC	NC
Hexachlorocyclopentadiene	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	S	SC
Hexachlorocyclopentadiene	12-MW-02-03	12-MW-02-DS-03	QN N	QN	NC	NC	NC
Hexachloroethane	05~MW-03-03	05-MW-03-DS-03	QN	QN	NC	NC	NC
Hexachloroethane	05-MW-14-01	05-MW-14-DS-01	ND	NO	NC	NC	NC
Hexachloroethane	06-MW-07-01	06-MW-07-DS-01	QN	ND	NC	NC	NC

() = Data Flag

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NC = Not Calculable

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
; 1 5 ± 2 5 1 1 1 2 2 5 1 1 1 2 2 5 1 1 1 2 2 5 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	! ! !		1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Hexachloroethane	07-MW-02-03	07-MW-02-DS-03	2	QN	SC	NC	SC
<b>Hexachloroethane</b>	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	S	Š
Hexach]oroethane	12-MW-02-03	12-MW-02-DS-03	ON.	QN	NC	SC	SC
Indeno(1,2,3-cd)pyrene	05-MW-03-03	05-MW-03-DS-03	S	QN	NC	SC	S
Indeno(1,2,3-cd)pyrene	05-MW-14-01	05-MW-14-DS-01	ON	QN	NC	S	NC
Indeno(1,2,3-cd)pyrene	06-MW-07-01	06-MW-07-DS-01	ON	ON	SC	SC	NC
Indeno(1,2,3-cd)pyrene	07-MW-02-03	07-MW-02-DS-03	QN N	8	NC	S	NC
Indeno(1,2,3-cd)pyrene	08-SW-01-01	08-SW-01-DS-01	ON	Q	NC	NC	NC
Indeno(1,2,3-cd)pyrene	12-MW-02-03	12-MW-02-DS-03	QN	9	NC	SC	NC
Isophorone	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	S	NC
Isophorone	05-MW-14-01	05-MW-14-DS-01	ON	QN	NC	SC	NC
Isophorone	06-MW-07-01	06-MW-07-DS-01	QN	Q.	NC	S _N	NC
Isophorone	07-MW-02-03	07-MW-02-DS-03	ON	QN	NC	S	NC
Isophorone	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC	S	NC
Isophorone	12-MW-02-03	12-MW-02-DS-03	QN	S	NC	SC	NC
N-Nitroso-di-n-propylamine	05-MW-03-03	05-MW-03-DS-03	. ON	QN	NC	S	NC
N-Nitroso-di-n-propylamine	05-MW-14-01	05-MW-14-DS-01	QN N	ON.	NC	S	SC
N-Nitroso-di-n-propylamine	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	S	SC
N-Nitroso-di-n-propylamine	07-MW-02-03	07-MW-02-DS-03	QN	QV QV	NC	S	Š
N-Nitroso-di-n-propylamine	08-SW-01-01	08-SW-01-DS-01	S	QN .	S	SC	Š
N-Nitroso-di-n-propylamine	12-MW-02-03	12-MW-02-DS-03	Q.	Q.	S	S	SC
N-Nitrosodiphenylamine	05-MW-03-03	05-MW-03-DS-03	Q.	QN	NC	NC	NC
Naphthalene	05-MW-03-03	05-MW-03-DS-03	6.3	5.0	5.6	0.9	21.79
Naphthalene	05-MW-14-01	05-MW-14-DS-01	ON	QN	NC	NC	S
Naphthalene	06-MW-07-01	06-MW-07-DS-01	ON	QN	NC	NC	NC
Naphthalene	07-MW-02-03	07-MW-02-DS-03	QN	S	NC	NC	NC
Naphthalene	08-SW-01-01	08-SW-01-DS-01	QN	QN	NC	NC	NC
Naphthalene	12-MW-02-03	12-MW-02-DS-03	ON	ON	NC	NC	N
Nitrobenzene	05-MW-03-03	05-MW-03-DS-03	ON	QN	SC	SC	NC
Nitrobenzene	05-MW-14-01	05-MW-14-DS-01	ON.	QN	SC	NC	NC
Nitrobenzene	06-MW-07-01	06-MW-07-DS-01	ON.	QN	S	Š	NC
Nitrobenzene	07-MW-02-03	07-MW-02-DS-03	₽.	NON	S	NC	NC
Nitrobenzene	08-SW-01-01	08-SW-01-DS-01	QN	Q.	NC	Š	NC
Nitrobenzene	12-MW-02-03	12-MW-02-DS-03	ON	QN	SC	S	NC
Pentachlorophenol	05-MW-03-03	05-MW-03-DS-03	QN	QN	NC	NC	NC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 89

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Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1		) 1	2 1	(8)
Pentachlorophenol	05-MW-14-01	05-MW-14-DS-01	ON	QV	NC	N.	NC
Pentachlorophenol	06-MW-07-01	06-MW-07-DS-01	QN	QV	S	N.	N C
Pentachlorophenol	07-MW-02-03	07-MW-02-DS-03	ON	Q	NC NC	S S	. S
Pentachlorophenol	08-SW-01-01	08-SW-01-DS-01	ON	QN	2	S S	2 2
Pentachlorophenol	12-MW-02-03	12-MW-02-DS-03	QN	QV	NC	S	2
Phenanthrene	05-MW-03-03	05-MW-03-DS-03	ON	ON	NC	SC	<u> 2</u>
Phenanthrene	05-MW-14-01	05-MW-14-DS-01	ON	QN	NC	SC	2
Phenanthrene	06-MW-07-01	06-MW-07-DS-01	ON	ND	S	2	2
Phenanthrene	07-MW-02-03	07~MW-02-DS-03	ON	QN	S	NC	2
Phenanthrene	08-SW-01-01	08-SW-01-DS-01	ON	QN	NC NC	NC NC	2
Phenanthrene	12-MW-02-03	12-MW-02-DS-03	ON.	QN	NC	NC N	2
Pheno1	05-MW-03-03	05-MW-03-DS-03	92.5	43.2	67.9	34.9	72.66
Phenol	05-MW-14-01	05-MW-14-DS-01	ON	ON.	NC	SC	Š
Phenol	06-MW-07-01	06-MW-07-DS-01	ON	ON	NC	NC	Š
Phenol	07-MW-02-03	07~MW-02-DS-03	ON	NON	NC	NC	Š
Phenol	08-SW-01-01	08-SW-01-DS-01	ON	ND	NC	NC	Ş
Phenol	12-MW-02-03	12-MW-02-DS-03	ON	ND	NC	NC	Ş
Pyrene	05-MW-03-03	05-MW-03-DS-03	ON	ND ND	NC	NC	Ş
Pyrene	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	NC	NC
Pyrene	06-MW-07-01	06-MW-07-DS-01	QN	ON	NC	NC	S
Pyrene	07~MW-02-03	07-MW-02-DS-03	ND	QN	NC	NC	NC
Pyrene	08-SW-01-01	08-SW-01-DS-01	QN	. QN	NC	NC	S
Pyrene	12-MW-02-03	12-MW-02-DS-03	ON	ON	NC	NC	S
bis(2-Chloroethoxy)methane	05-MW-03-03	05-MW-03-DS-03	ON	QN	NC	NC	NC
bis(2~Chloroethoxy)methane	05-MW-14-01	05-MW-14-DS-01	ON	ON	NC	NC	S
bis(2-Chloroethoxy)methane	06-MW-07-01	06-MW-07-DS-01	S	ON	NC	NC	S
bis(2-Chloroethoxy)methane	07-MW-02-03	07-MW-02-DS-03	GN.	ON	NC	Š	Š
bis(2-Chloroethoxy)methane	08-SW-01-01	08-SW-01-DS-01	QN	ON.	NC	SC	S
bis(2-Chloroethoxy)methane	12-MW-02-03	12-MW-02-DS-03	N	QN	NC	S	2
bis(2-Chloroethyl)ether	05-MW-03-03	05-MW-03-DS-03	QN	ON	NC	NC	Š
bis(2-Chloroethyl)ether	05-MW-14-01	05-MW-14-DS-01	QN	QN	S	N.	Q.
bis(2-Chloroethyl)ether	06-MW-07-01	06-MW-07-DS-01	S	QN	NC	2	2
bis(2-Chloroethyl)ether	07-MW-02-03	07-MW-02-DS-03	QN	QN	NC	S	2
bis(2-Chloroethyl)ether	08-SW-01-01	08-SW-01-DS-01	QN .	QN	NC	NC	웆
bis(2-Chloroethyl)ether	12-MW-02-03	12-MW-02-DS-03	ND	QN	NC	NC	SC
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 90

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	111111111111111111111111111111111111111	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		!	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1
bis(2-Chloroisopropyl)ether	05-MW-03-03	05-MW-03-DS-03	ON	ON	Ş	NC	N S
bis(2-Chloroisopropyl)ether	.05-MW-14-01	05-MW-14-DS-01	ON	ND	NC	NC	Š
bis(2-Chloroisopropyl)ether	06-MW-07-01	06~MW-07-DS-01	QN	QV		NC	NC
bis(2-Chloroisopropyl)ether	07-MW-02-03	07-MW-02-DS-03	QV	QN.	S	S	N N
bis(2-Chloroisopropyl)ether	08-SW-01-01	08-SW-01-DS-01	ON.	ON.	S	SC	S
bis(2-Chloroisopropyl)ether	12-MW-02-03	12-MW-02-DS-03	ON	ON	S	Š	NC
bis(2-Ethylhexyl)phthalate	05-MW-03-03	·05-MW-03-DS-03	1.3 (8)	1.3 (B)	1.3	0.0	2.30
bis(2-Ethylhexyl)phthalate	05-MW-14-01	05-MW-14-DS-01	3.2 (8)	1.9 (B)	2.5	1.0	53.54
bis(2-Ethylhexyl)phthalate	06-MW-07-01	06-MW-07-DS-01	ON.		S	SC	NC N
bis(2-Ethylhexyl)phthalate	07-MW-02-03	07-MW-02-DS-03	ON .	1.5 (8)	S	S	S
bis(2-Ethylhexyl)phthalate	08-SW-01-01	08-SW-01-DS-01	S		2	S S	2
bis(2-Ethylhexyl)phthalate	12-MW-02-03	12-MW-02-DS-03	QN	QN	NC	NC	S S
Type = Laboratory Control Duplicate (ug/L)	uplicate (ug/L)						
1,2,4-Trichlorobenzene	SOT	CSD	90.0	0.96	93.0	4.2	6.45
1,2,4-Trichlorobenzene	SOT	CSD	94.0	102.0	0.86	5.7	8 16
1,2,4-Trichlorobenzene	SOT	CSD	101.0	95.0	98.0	4.0	6.12
1,2,4-Trichlorobenzene	SOT	CSD	91.0	97.0	94.0	2.4	6.38
1,2,4-Trichlorobenzene	SOT	CSD	88.0	89.0	88.5	0.7	1.13
1,2,4-Trichlorobenzene	SOT	CSD	94.0	94.0	94.0	0.0	0.00
1,2,4-Trichlorobenzene	SOT	CCSD	0.66	95.0	97.0	2.8	4.12
1,2,4-Trichlorobenzene	SOT	CSD	0.96	92.0	94.0	2.8	4.26
1,2,4-Trichlorobenzene	SOI	CSD	95.0	95.0	95.0	0.0	00.00
1,2,4-Trichlorobenzene	SOT	rcsD	84.0	85.0	84.5	0.7	1.18
1,2,4-Trichlorobenzene	SOT	rcsD	0.06	96.0	93.0	4.2	6.45
1,2,4-Trichlorobenzene	SOT	rcsD	103.0	105.0	104.0	1.4	1.92
1,2,4-Trichlorobenzene	SOT	CSD	0.06	95.0	92.5	3.5	5.41
1,2,4-Trichlorobenzene	rcs	CSD	95.0	0.66	95.5	4.9	7.33
1,2,4-Trichlorobenzene	SOT	CSD	92.0	85.0	88.5	4.9	7.91
1,2,4-Trichlorobenzene	SOT	CCSD	0.96	93.0	94.5	2.1	3.17
1,2,4-Trichlorobenzene	SOT	CSD	0.66	0.96	97.5	2.1	3.08
1,2-Dichlorobenzene	rcs	CSD	91.0	97.0	94.0	4.2	6.38
1,2-Dichlorobenzene	rcs	CSD	100.0	98.0	0.66	1.4	2.02
1,2-Dichlorobenzene	SOT	rcsD	93.0	101.0	97.0	5.7	8.25
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 91

		Duplicate		Dunlicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1	:::::::::::::::::::::::::::::::::::::::	1 8 6 1 1	1 1 1 1 1 1	!	1 1 1 1 1 1	
1,2-Dichlorobenzene	SJT	CSD	82.0	91.0	86	4	10.40
1,2-Dichlorobenzene	SOT	CCSD	91.0	0.59	93.5	. w	5 35
1,2-Dichlorobenzene	CS	CCSD	0.06	87.0	88	? - ~	98.8
1,2-Dichlorobenzene	SOT	rcso	93.0	86.0	89.5	6. 4	7 82
1,2-Dichlorobenzene	SOT	GSOT	89.0	87.0	88.0	1.4	2 27
1,2-Dichlorobenzene	SOT	CSD	93.0	95.0	94.0	1.4	2.13
1,2-Dichlorobenzene		rcsp	0.96	99.0	97.5	2.1	3.08
1,2-Dichlorobenzene	SOT	CSD	85.0	89.0	87.0	2.8	4.60
1,2-Dichlorobenzene	SJT	CSD	92.0	99.0	95.5	9. <del>4</del>	7.33
1,2-Dichlorobenzene	· SJT	CSD	100.0	97.0	98,5	2.1	3.05
1,2-Dichlorobenzene	SOT	CSD	102.0	103.0	102.5	0.7	0.98
1,2-Dichlorobenzene	SOT	CSD	0.66	94.0	96.5	3,5	5.18
1,2-Dichlorobenzene	rcs	CSD	105.0	0.66	102.0	4.2	5.88
1,2-Dichlorobenzene	SOT	CSD	91.0	96.0	93.5	3.5	5,35
1,3-Dichlorobenzene	rcs	CSD	92.0	0.06	91.0	1.4	2.20
1,3-Dichlorobenzene	SOT	CSD	84.0	82.0	83.0	1.4	2.41
1,3-Dichlorobenzene	rcs	CSD	100.0	94.0	97.0	4.2	6.19
1,3-Dichlorobenzene	SOT	rcsp	87.0	91.0	89.0	2.8	4.49
1,3-Dichlorobenzene	rcs	CSD	78.0	86.0	82.0	5.7	9.76
1,3-Dichlorobenzene	rcs	rcsD	0.06	94.0	92.0	2.8	4.35
1,3-Ulchlarobenzene	SOT	CSD	92.0	98.0	95.0	4.2	6.32
1,3-Dichlorobenzene	SOT	rcsp	87.0	81.0	84.0	4.2	7.14
1,3-Dichlorobenzene	rcs	CSD	89.0	83.0	86.0	4.2	6.98
1,3-Dichlorobenzene	rcs	rcsp	0.96	0.66	97.5	2.1	3.08
1,3-Dichlorobenzene	SOT	CCSD	85.0	92.0	88.5	4.9	7.91
I,3-Dichlorobenzene	SOT	CSD	88.0	91.0	89.5	2.1	3.35
1,3-Ulchlorobenzene	SOT	CSD	91.0	94.0	92.5	2.1	3.24
1,3-Dichlorobenzene	SOT	CSD	85.0	92.0	88.5	4.9	7.91
1,3-Dichlorobenzene	rcs	CSD	0.96	91.0	93.5	3.5	5.35
1,3-Dichlorobenzene	CS	CSD	0.78	93.0	0.06	4.2	6.67
1,3-Dichlorobenzene	SOT	rcsp	94.0	93.0	93.5	0.7	1.07
1,4-Dichlorobenzene	SOT	CSD	94.0	89.0	91.5	3.5	5.46
1,4-Dichlorobenzene	SOT	CSD	86.0	97.0	91.5	7.8	12.02
1,4-Dichlorobenzene	SOT	CSD	83.0	84.0	83.5	0.7	1.20
l,4-Dichlorobenzene	SOT	rcsp	84.0	81.0	82.5	2.1	3.64
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Nata Elan				
							86 - 85 - 88

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample 10	Sample ID	Value	Value	Value	Deviation	RPD (%)
	*	1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1	!		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,4-Dichlorobenzene	rcs	CSD	76.0	83.0	79.5	4.9	8.81
1,4-Dichlorobenzene	rcs	CSD	85.0	0.06	87.5	3.5	5.71
1,4-Dichlorobenzene	SOT	CSD	80.0	84.0	82.0	2.8	4.88
1,4-Dichlorobenzene	SJT	CSD	0.98	91.0	88.5	3.5	5.65
1,4-Dichlorobenzene	rcs	CSD	81.0	87.0	84.0	4.2	7.14
1,4-Dichlorobenzene	rcs	CSD	81.0	84.0	82.5	2.1	3.64
1,4-Dichlorobenzene	SOT	CSD	89.0	87.0	88.0	1.4	2.27
1,4-Dichlorobenzene	SOT	CSD	86.0	77.0	81.5	6.4	11.04
1,4-Dichlorobenzene	rcs	CSD	80.0	78.0	79.0	1.4	2.53
1,4-Dichlorobenzene	rcs	CSD	88.0	86.0	87.0	1.4	2.30
1,4-Dichlorobenzene	SJT	CSD .	0.06	92.0	91.0	1.4	2.20
1,4-Dichlorobenzene	SOT	CSD	86.0	83.0	84.5	2.1	3.55
1,4-Dichlorobenzene	SOT	CSD	80.0	84.0	82.0	2.8	4.88
2,4,5-Trichlorophenol	rcs	CSD	0.96	100.0	98.0	2.8	4.08
2,4,5-Trichlorophenol	SOT	CSD	0.66	108.0	103.5	6.4	8.70
2,4,5-Trichlorophenol	SOT	CSD	89.0	80.0	84.5	6.4	10.65
2,4,5-Trichlorophenol	SOT	CCSD	106.0	100.0	103.0	4.2	5.83
2,4,5-Trichlorophenol	SOT	CSD	98.0	108.0	103.0	7.1	9.71
2,4,5-Trichlorophenol	TCS .	CSD	92.0	94.0	93.0	1.4	2.15
2,4,5-Trichlorophenol	SOT	CSD	95.0	100.0	97.5	3.5	5.13
2,4,5-Trichlorophenol	SOT	CSD	89.0	0.06	89.5	0.7	1.12
2,4,5-Trichlorophenol	SOT	CSD	100.0	94.0	97.0	4.2	6.19
2,4,5-Trichlorophenol	SOT	CSD	108.0	104.0	106.0	2.8	3.77
2,4,5-Trichlorophenol	rcs	CSD	94.0	98.0	96.0	2.8	4.17
2,4,5-Trichlorophenol	rcs	CSD	0.66	103.0	101.0	2.8	3.96
2,4,5-Trichlorophenol	SOT	CSD	98.0	98.0	98.0	0.0	0.00
2,4,5-Trichlorophenol	SOT	CSD	0.68	0.96	92.5	4.9	7.57
2,4,5-Trichlorophenol	SOT	CCSD	86.0	84.0	85.0	1.4	2.35
2,4,5-Trichlorophenol	SOT	CSD	98.0	108.0	103.0	7.1	9.71
2,4,5-Trichlorophenol	SOT	CSD	94.0	96.0	95.0	1.4	2.11
2,4,6-Trichlorophenol	SOT	CSD	0.62	81.0	80.0	1.4	2.50
2,4,6-Trichlorophenol	SOT	CSD	72.0	79.0	75.5	4.9	9.27
2,4,6-Trichlorophenol	rcs	CSD	78.0	75.0	76.5	2.1	3.92
2,4,6-Trichlorophenol	SOT	CSD	74.0	70.0	72.0	2.8	5.56
2,4,6-Trichlorophenol	SOT	CSD	86.0	82.0	84.0	2.8	4.76
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 93

		Ouplicate		Ouplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	; ; ; ;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
2,4,6-Trichlorophenol	SOT	CSD	77.0	80.0	78.5	2.1	3 82
2,4,6-Trichlorophenol	SOT	CSD	68.0	0.99	67.0	4.1	56.2
2,4,6-Trichlorophenol	rcs	CSD	75.0	76.0	75.5	0.7	1.32
2,4,6-Trichlorophenal	rcs	CSD	78.0	86.0	82.0	5.7	9.76
2,4,6-Trichlorophenol	SOT	CSD	86.0	80.0	83.0	4.2	7.23
2,4,6-Trichlorophenol	SOT	CSD	78.0	86.0	82.0	5.7	9.76
2,4,6-Trichlorophenol	rcs	CSD	74.0	75.0	74.5	0.7	1.34
2,4,6-Trichlorophenol	SOT	רכצס	80.0	78.0	79.0	1.4	2,53
2,4,6-Irichlorophenol	rcs	rcsD	0.77	80.0	78.5	2.1	3.82
2,4,6-Trichlorophenol	rcs	CSD	78.0	86.0	82.0	5.7	9.76
2,4,6-Irichlorophenol	SOT	CSD	76.0	79.0	77.5	2.1	3.87
Z,4,6-Irichlorophenol	SOT	CSD	72.0	67.0	69.5	3.5	7.19
Z,4-Ulchlorophenol	SOT	CSD	93.0	0.66	0.96	4.2	6.25
Z,4-Dichlorophenol	TCS	CSD	95.0	97.0	0.96	1.4	2.08
2,4-Uichiaropheno	SOT	CSD	94.0	0.96	95.0	1.4	2.11
Z,4-Ulchlorophenol	SOT	rcsD	102.0	97.0	99.5	3.5	5.03
Z,4-Dichlorophenol	SOT	CSD	0.96	107.0	101.5	7.8	10.84
2,4-Dichiorophenol	SOT	rcsd	106.0	101.0	103.5	3.5	4.83
Z,4-Dichlorophenol	SOT	CSD	105.0	100.0	102.5	3.5	4.88
Z,4-Ulchlorophenol	SOT	CSD	94.0	100.0	97.0	4.2	6.19
Z,4-Dichlorophenol	SOT .	rcsp	84.0	83.0	83.5	0.7	1.20
2,4-Dichlorophenol	SJ7	CSD	88.0	88.0	88.0	0.0	0.00
Z,4-Ulchlorophenol	SOT.	CCSD	0.86	109.0	103.5	7.8	10.63
Z,4-Ulchlorophenol	SOT	rcsp	98.0	0.96	97.0	1.4	2.06
Z,4-Dichlorophenol	SJT.	CSD	0.96	107.0	101.5	7.8	10.84
Z,4-Ulchlorophenol	SOT.	CSD	94.0	95.0	94.5	0.7	1.06
2.4-Dichlorophenol	SJ.	CSD	100.0	0.66	99.5	0.7	1.01
2,4-Dichlorophenol	son son	rcsD	0.96	100.0	98.0	2.8	4.08
2,4-Ulchlorophenol	SJT.	CSD	93.0	80.0	86.5	9.5	15.03
c,4-Dimetnylphenol	S) T	CSD	95.0	81.0	86.5	7.8	12.72
Z,4-Ulmethylphenol	rcs	rcsD	89.0	81.0	85.0	5.7	9.41
2,4-Dimethy[pheno]	SOT	rcso	0.96	0.06	93.0	4.2	6.45
2,4-Dimethylphenol	SOT	CCSD	98.0	94.0	96.0	2.8	4.17
2,4-Dimethylphenol	SOT	CCSD	95.0	94.0	94.5	0.7	1.06
Z,4-Dimethy phenol	rcs	rcso	87.0	97.0	92.0	7.1	10.87
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 94

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
			:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1 1	1 1 1
2,4-Dimethylphenol	SJT	CSD	81.0	80.0	80.5	0.7	1.24
2,4-Dimethylphenol	SJT	CSD	0.06	0.96	93.0	4.2	6.45
2,4-Dimethylphenol	SOT	CSD	94.0	89.0	91.5	3.5	5.46
2,4-Dimethylphenol	CCS	CSD	. 87.0	97.0	92.0	7.1	10.87
2,4-Dimethylphenol	CS	CSD	85.0	0.06	87.5	3.5	5.71
2,4-Dimethylphenol	rcs	CSD	84.0	89.0	86.5	3.5	5.78
2,4-Dimethylphenol	CS	CSD	86.0	97.0	91.5	7.8	12.02
2,4-Dimethy]phenol	SJT	CSD	76.0	79.0	77.5	2.1	3.87
2,4-Dimethylphenol	. \$37	CSD	85.0	97.0	91.0	8.5	13.19
2,4-Dimethylphenol	rcs	CSD	0.66	96.0	97.5	2.1	3.08
2,4-Dimethylphenol	SOT	CSD	93.0	91.0	92.0	1.4	2.17
2,4-Dinitrophenol	SOT	CSD	113.0	132.0	122.5	13.4	15.51
2,4-Dinitrophenol	SOT	CSD	98.0	101.0	99.5	2.1	3.02
2,4-Dinitrophenol	rcs	CSD	120.0	130.0	125.0	7.1	8.00
2,4-Dinitrophenol	rcs	CSD	142.0	135.0	138.5	4.9	5.05
2,4-Dinitrophenol	SOT	CSD	126.0	140.0	133.0	6.6	10.53
2,4-Dinitrophenol	CS	CSD	107.0	108.0	107.5	0.7	0.93
2,4-Dinitrophenol	SOT	CSD	95.0	0.06	92.5	3.5	5.41
2,4-Dinitrophenol	SOT	CSD	129.0	134.0	131.5	3.5	3.80
2,4-Dinitrophenol	rcs	rcsp	130.0	117.0	123.5	9.2	10.53
2,4-Dinitrophenol	rcs	CSD	113.0	132.0	122.5	13.4	15.51
2,4-Dinitrophenol	CS	CCSD	102.0	103.0	102.5	0.7	0.98
2,4-Dinitrophenol	rcs	CCSD	95.0	0.06	91.0	1.4	2.20
2,4-Dinitrophenol	rcs	CSD	122.0	121.0	121.5	0.7	0.82
2,4-Dinitrophenol	SOT	CSD	121.0	144.0	132.5	16.3	17.36
2,4-Dinitrophenol	SOT	CSD	127.0	131.0	129.0	2.8	3.10
2,4-Dinitrophenol	rcs	CCSD	142.0	134.0	138.0	5.7	5.80
2,4-Dinitrophenol	rcs	CSD	98.0	104.0	101.0	4.2	5.94
2,4-Dinitrotoluene	· SOT	CSD	94.0	99.0	96.5	3.5	5.18
2,4-Dinitrotoluene	rcs .	CSD	104.0	103.0	103.5	0.7	0.97
2,4-Dinitrotoluene	SOT	CSD	94.0	99.0	96.5	3.5	5.18
2,4-Dinitrotoluene	SOT	CSD	101.0	104.0	102.5	2.1	2.93
2,4-Dinitrotoluene	rcs	CSD .	88.0	85.0	86.5	2.1	3.47
2,4-Dinitrotoluene	SOT	CSD	0.96	88.0	92.0	5.7	8.70
2,4-Dinitrotoluene	SOT	CSD .	101.0	102.0	101.5	0.7	0.99
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 95

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1 1 1 1 t 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t t t 1	1	1 1 1 1 1	1 1 1 1
2,4-Dinitrotoluene	rcs	rcsD	104.0	99.0	101.5	3.5	4.93
2,4-Dinitrotoluene	rcs	rcsp	85.0	83.0	84.0	1.4	2.38
2,4-Dinitrotoluene	rcs	CSD	110.0	109.0	109.5	0.7	0.91
2,4-Dinitrotoluene	rcs	CSD	92.0	93.0	92.5	0.7	1.08
2,4-Dinitrotoluene	rcs	CSD	98.0	102.0	100.0	2.8	4.00
2,4-Dinitrotoluene	SOT	CSD	91.0	91.0	91.0	0.0	00.00
2,4-Dinitrotoluene	SJT	CSD	97.0	105.0	101.0	5.7	7.92
2,4-Dinitrotoluene	SOT	CSD	93.0	100.0	96.5	6.4	7.25
2,4-Dinitrotoluene	SOT	CSD	93.0	96.0	94.5	2.1	3.17
2,4-Dinitrotoluene	SOT	CSD	98.0	90.0	94.0	5.7	8.51
2,6-Dinitrotoluene	rcs	CSD .	100.0	103.0	101.5	2.1	2.96
2,6-Dinitrotoluene	rcs	CSD	102.0	95.0	98.5	6.4	7.11
2,6-Dinitrotoluene	rcs	CSD	100.0	110.0	105.0	7.1	9.52
2,6-Dinitrotoluene	SOT	CSD	105.0	98.0	101.5	4.9	6.90
2,6-Dinitrotoluene	SOT	CSD	98.0	106.0	102.0	5.7	7.84
2,6-Dinitrotoluene	SOT	CSD	92.0	91.0	91.5	0.7	1.09
2,6-Dinitrotoluene	rcs	CSD	98.0	106.0	102.0	5.7	7.84
2,6-Dinitrotoluene	rcs	CSD	109.0	112.0	110.5	2.1	2.71
2,6-Dinitrotoluene	rcs	CCSD	0.66	104.0	101.5	3.5	4.93
2,6-Dinitrotoluene	rcs	CSD	103.0	110.0	106.5	4.9	6.57
2,6-Dinitrotoluene	SOT	CSD	105.0	108.0	106.5	2.1	2.82
2,6-Dinitrotoluene	SOT	CSD	92.0	91.0	91.5	0.7	1.09
2,6-Dinitrotoluene	SOT	CSD	110.0	104.0	107.0	4.2	5.61
2,6-Dinitrotoluene	SOT	CCSD	109.0	109.0	109.0	0.0	0.00
2,6-Dinitrotoluene	SOT	CCSD	119.0	116.0	117.5	2.1	2.55
Z,6-Dinitrotoluene	SOT	rcsd	114.0	112.0	113.0	1.4	1.77
2,6-Dinitrotoluene	rcs	rcsD	0.86	106.0	102.0	5.7	7.84
2-Chloronaphthalene	SOT	CSD	87.0	91.0	89.0	2.8	4.49
2-Chloronaphthalene	rcs	CSD	88.0	89.0	88.5	0.7	1.13
2-Chloronaphthalene	rcs	rcsD	89.0	98.0	93.5	6.4	9.63
2-Chloronaphthalene	SJT	CSD	80.0	82.0	81.0	1.4	2.47
2-Chloronaphthalene	rcs	CSD	77.0	77.0	77.0	0.0	0.00
2-Chloronaphthalene	rcs	CSD	93.0	0.68	91.0	2.8	4.40
2-Chloronaphthalene	SJ1	CSD	89.0	98.0	93.5	6.4	9.63
2-Chloronaphthalene	rcs	rcsp	0.66	97.0	98.0	1.4	2.04
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 96

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
2-Chloronaphthalene	CCS	CSD	94.0	92.0	93.0	1.4	2.15
2-Chloronaphthalene	TCS	CSD	89.0	91.0	0.06	1.4	2.22
2-Chloronaphthalene	SOT	CSD	88.0	94.0	91.0	4.2	6.59
2-Chloronaphthalene	SOT	CSD	84.0	89.0	86.5	3.5	5.78
2-Chloronaphthalene	SJT	CSD	94.0	88.0	91.0	4.2	6.59
2-Chloronaphthalene	SOT	CSD	80.0	81.0	80.5	0.7	1.24
2-Chloronaphthalene	SJT	CSD	88.0	89.0	88.5	0.7	1.13
2-Chloronaphthalene	TCS	CSD	82.0	75.0	78.5	4.9	8.92
2-Chloronaphthalene	SOT	CCSD	89.0	89.0	89.0	0.0	0.00
2-Chlorophenol	rcs	CSD	87.0	94.0	90.5	4.9	7.73
2-Chlorophenol	rcs	CCSD	94.0	99.0	96.5	3.5	5.18
2-Chlorophenol	SOT	CSD	0.06	91.0	90.5	0.7	1.10
2-Chlorophenol	SOT	CSD	85.0	81.0	83.0	2.8	4.82
2-Chlorophenol	SJT	CSD	87.0	95.0	91.0	5.7	8.79
2-Chlorophenol	SOT	CSD	77.0	82.0	79.5	3.5	6.29
2-Chlorophenol	รวา	CSD	95.0	97.0	96.0	1.4	2.08
2-Chlorophenol	rcs	OSOT	0.68	91.0	0.06	1.4	2.22
2-Chlorophenol	רכ	CCSD	86.0	93.0	89.5	4.9	7.82
2-Chlorophenol	SOT	CSD	88.0	95.0	91.5	4.9	7.65
2-Chlorophenol	SOT	CSD	82.0	76.0	79.0	4.2	7.59
2-Chlorophenol	SOT	CCSD	0.06	0.06	0.06	0.0	0.00
2-Chlorophenol	SOT	CSD	97.0	94.0	95.5	2.1	3.14
2-Chlorophenol	SJT	CSD	100.0	96.0	98.0	2.8	4.08
2-Chlorophenol	SOT	rcso	93.0	0.06	91.5	2.1	3.28
2-Chlorophenol	SOT	CSD	86.0	94.0	0.06	5.7	8.89
2-Chlorophenol	SOT	CSD	87.0	94.0	90.5	4.9	7.73
2-Methylnaphthalene	SOT	CSD	109.0	105.0	107.0	2.8	3.74
2-Methylnaphthalene	SOT	CSD	101.0	107.0	104.0	4.2	5.77
2-Methylnaphthalene	SJT	CSD	140.0	140.0	140.0	0.0	0.00
2-Methylnaphthalene	SOT	CSD	101.0	108.0	104.5	4.9	6.70
2-Methylnaphthalene	SOT	CSD	148.0	141.0	144.5	4.9	4.84
2-Methylnaphthalene	SOT	CCSD	110.0	93.0	101.5	12.0	16.75
2-Methylnaphthalene	rcs	CSD	102.0	105.0	103.5	2.1	2.90
2-Methylnaphthalene	rcs	CSD	104.0	109.0	106.5	3.5	4.69
2-Methylnaphthalene	rcs	CSD	100.0	108.0	104.0	5.7	7.69
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag	-			89- 97

		Duplicate	THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S	Dunlicate	Mean	Standard	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Z-Methylnaphthalene	SOT	CSD	101.0	103.0	102.0	1.4	1.96
2-Methylnaphthalene	rcs	CSD	100.0	108.0	104.0	5.7	7.69
2-Methylnaphthalene	rcs	CSD	103.0	111.0	107.0	5.7	7.48
2-Methylnaphthalene	rcs	CSD	144.0	143.0	143.5	0.7	0.70
2-Methylnaphthalene	rcs	CSD	106.0	102.0	104.0	2.8	3.85
2-Methylnaphthalene	SOT	CSD	93.0	98.0	95.5	3.5	5.24
์ ๙	SOT	CSD	111.0	110.0	110.5	0.7	0.90
_	rcs	CSD	93.0	91.0	92.0	1.4	2.17
2-Methylphenol (o-cresol)	· SOT	CSD	0.99	0.69	67.5	2.1	4.44
_	SOT	CSD	77.0	87.0	82.0	7.1	12.20
_	rcs	CSD	85.0	80.0	82.5	3.5	90.9
_	CCS	CSD	89.0	0.06	89.5	0.7	1.12
_	rcs	CSD	79.0	86.0	82.5	4.9	8.48
_	rcs	CSD	79.0	86.0	82.5	4.9	8.48
_	rcs	CSD	81.0	88.0	84.5	4.9	8.28
_	rcs	rcso	81.0	91.0	86.0	7.1	11.63
_	rcs	CSD	82.0	79.0	80.5	2.1	3.73
_	rcs	CCSD	78.0	84.0	81.0	4.2	7.41
_	SOT	CSD	91.0	93.0	92.0	1.4	2.17
	SOT	rcsp	80.0	82.0	81.0	1.4	2.47
_	SOT	CSD	82.0	88.0	85.0	4.2	7.06
	SOT	CSD	78.0	74.0	76.0	2.8	5.26
2-Methylphenol (o-cresol)	rcs	CSD	79.0	0.69	74.0	7.1	13.51
2-Nitroaniline	SOT	CCSD ·	86.0	85.0	85.5	0.7	1.17
2-Nitroaniline	SOT	rcsD	118.0	115.0	116.5	2.1	2.58
Z-Nitroaniline	SOT	CSD	93.0	94.0	93.5	0.7	1.07
Z-Nitroaniline	CS	CSD	103.0	110.0	106.5	4.9	6.57
Z-Nitroaniline	CS	CSD	103.0	110.0	106.5	4.9	6.57
2-Nitroaniline	rcs	CSD	94.0	98.0	96.0	2.8	4.17
2-Nitroaniline	rcs	CSD	102.0	105.0	103.5	2.1	2.90
2-Nitroaniline	CS	OSOT	0.06	81.0	85.5	6.4	10.53
2-Nitroaniline	rcs	rcsD	106.0	106.0	106.0	0.0	00.00
2-Nitroaniline	SOT	CSD	110.0	111.0	110.5	0.7	0.90
2-Nitroaniline	rcs	CSD	78.0	77.0	77.5	0.7	1.29
2-Nitroaniline	SOT	CSD	0.86	93.0	96.0	4.2	6.25
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 98

		Our Leate		O. toot	, and M	7 7 7 7 7 7	
Parameter	Sample ID	Sample ID	Value	Value	Value	Standard Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 8 8 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1	
2-Nitroaniline	CCS	CSD	0.96	100.0	98.0	2.8	4.08
2-Nitroaniline	SOT	CSD	109.0	102.0	105.5	4.9	6.64
2-Nitroaniline	SOT	CSD	97.0	105.0	101.0	5.7	7.92
2-Nitroaniline	SOT	CCSD	104.0	105.0	104.5	0.7	96.0
2-Nitrophenol	SOT	CCSD	97.0	103.0	100.0	4.2	6.00
2-Nitrophenol	SOT	CSD	109.0	103.0	106.0	4.2	5.66
2-Nitrophenol	SOT	CSD	104.0	101.0	102.5	2.1	2.93
2-Nitrophenol	SOT	rcso	98.0	108.0	103.0	7.1	9.71
2-Nitrophenol	SOT	CSD	98.0	104.0	101.0	4.2	5.94
2-Nitrophenol	SJT	CCSD	98.0	108.0	103.0	7.1	9.71
2-Nitrophenol	CS	CCSD	85.0	88.0	86.5	2.1	3.47
2-Nitrophenol	SOT	CCSD	0.66	103.0	101.0	2.8	3.96
2-Nitrophenol	SOT	CSD	100.0	101.0	100.5	0.7	1.00
2-Nitrophenol	SJT	CCSD	97.0	85.0	91.0	8.5	13.19
2-Nitrophenol	SOT	CSD	88.0	86.0	87.0	1.4	2.30
2-Nitrophenol	rcs	CSD	97.0	102.0	99.5	3.5	5.03
2-Nitrophenol	SOT	CSD	110.0	104.0	107.0	4.2	5.61
2-Nitrophenol	SOT	CSD	103.0	103.0	103.0	0.0	00.00
2-Nitrophenol	SOT	CCSD	107.0	102.0	104.5	3.5	4.78
2-Nitrophenol	CS	rcso	100.0	111.0	105.5	7.8	10.43
2-Nitrophenol	SOT	CSD	0.76	0.66	98.0	1.4	2.04
3,3'-Dichlorobenzidine	CS	CSD	128.0	139.0	133.5	7.8	8.24
3,3'-Dichlorobenzidine	rcs	CSD	136.0	140.0	138.0	2.8	2.90
3,3'-Dichlorobenzidine	SOT	CSD	143.0	136.0	139.5	4.9	5.02
3,3'-Dichlorobenzidine	SOT	CSD	134.0	136.0	135.0	1.4	1.48
3,3'-Dichlorobenzidine	SOT	CCSD	146.0	148.0	147.0	1.4	1.36
3,3'-Dichlorobenzidine	SOT	CSD	133.0	140.0	136.5	4.9	5.13
3,3'-Dichlorobenzidine	SOT	CSD	128.0	139.0	133.5	7.8	8.24
3,3'-Dichlorobenzidine	SOT	CSD	138.0	146.0	142.0	5.7	5.63
3,3'-Dichlorobenzidine	rcs	CCSD	127.0	121.0	124.0	4.2	4.84
3,3'-Dichlorobenzidine	rcs	CCSD	123.0	136.0	129.5	9.5	10.04
3,3'-Dichlorobenzidine	SJT	CSD	129.0	134.0	131.5	3.5	3.80
3,3'-Dichlorobenzidine	SOT	CSD	122.0	126.0	124.0	2.8	3.23
3,3'-Dichlorobenzidine	SOT	CSD	134.0	149.0	141.5	10.6	10.60
3,3'-Dichlorobenzidine	rcs	rcsD	138.0	139.0	138.5	0.7	0.72
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 99

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3 1 1 1	! ! ! ! !	) ; 3 ( • (	5	
3,3'-Dichlorobenzidine	SOT	rcsp	133.0	137.0	135 0	2 8	2 06
3,3'-Dichlorobenzidine	SOT	CSD	117.0	118.0	117.5	2,2	0.30
3,3'-Dichlorobenzidine	rcs	CSD	120.0	138.0	129 0	12.7	13 95
3-Nitroaniline	SJT	CSD	94.0	100,0	97.0	4 2	6.19
3-Nitroaniline	SOT	CSD	103.0	0.96	99.5	- <b>4</b>	7 04
3-Nitroaniline	SOT	CSD	94.0	100.0	97.0	5: 4	6.19
3-Nitroaniline	SOT	CSD	102.0	104.0	103.0	1.4	1.94
3-Nitroaniline	SOT	rcso	100.0	0.66	99.5	0.7	1.01
3-Nitroaniline	rcs	CSD	95.0	105.0	100.0	7.1	10.00
3-Nitroaniline	SOT	CSD	83.0	116.0	99.5	23.3	33.17
3-Nitroaniline	rcs	rcsp	101.0	104.0	102.5	2.1	2,93
3-Nitroaniline	rcs	CSD	102.0	102.0	102.0	0.0	0.00
3-Nitroaniline	rcs	rcso	104.0	105.0	104.5	0.7	0.96
3-Nitroaniline	rcs	CSD	98.0	104.0	101.0	4.2	5.94
3-Nitroaniline	rcs	rcsp	83.0	85.0	84.0	1.4	2.38
3-Nitroaniline	SOT	CSD	112.0	110.0	111.0	1.4	1.80
3-Nitroaniline	SOT	CSD	94.0	97.0	95.5	2.1	3.14
3-Nitroaniline	rcs	CSD	92.0	0.06	91.0	1.4	2.20
3-Nitroaniline	rcs	CSD	95.0	86.0	90.5	6.4	9.94
4,6-Dinitro-2-methylphenol	rcs	CSD	113.0	125.0	119.0	8.5	10.08
4,6-Dinitro-2-methylphenol	SJT	CSD	105.0	104.0	104.5	0.7	0.96
4,6-Dinitro-2-methylphenol	rcs	rcsD	108.0	116.0	112.0	5.7	7.14
4,6-Dinitro-2-methylphenol	SOT	CCSD	104.0	103.0	103.5	0.7	0.97
4,6-Dinitro-2-methylphenol	rcs	CCSD	129.0	122.0	125.5	4.9	5.58
4,6-Dinitro-2-methylphenol	CCS	CSD	113.0	125.0	119.0	8.5	10.08
4,6-Dinitro-2-methylphenol	CS	rcso	120.0	123.0	121.5	2.1	2.47
4,6-Ulnitro-Z-methylphenol	SJ	rcsd	91.0	89.0	0.06	1.4	2.22
4,6-Dinitro-2-methylphenol	SOT	CSD	108.0	113.0	110.5	3.5	4.52
4,6-Dinitro-2-methylphenol	SOT	CSD	104.0	105.0	104.5	0.7	0.96
4,6-Dinitro-2-methylphenol	SOT	CSD	116.0	126.0	121.0	7.1	8.26
4,6-Dinitro-2-methylphenol	rcs	CSD	131.0	128.0	129.5	2.1	2.32
4,6-Dinitro-2-methylphenol	SJI	CSD	82.0	82.0	82.0	0.0	0.00
4,6-Dinitro-2-methylphenol	rcs	CCSD	102.0	106.0	104.0	2.8	3.85
4,6-Dinitro-2-methylphenol	rcs	CSD	102.0	97.0	99.5	3,5	5.03
4,6-Dinitro-2-methylphenol	rcs	rcsD	119.0	125.0	122.0	4.2	4.92
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Nata Elan				
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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4,6-Dinitro-2-methylphenol	rcs	rcsp	118.0	124.0	121.0	4.2	4.96
4-Bromophenyl phenyl ether	rcs	rcso	107.0	116.0	111.5	6.4	8.07
4-Bromophenyl phenyl ether	CS	CSD	98.0	98.0	98.0	0.0	0.00
4-Bromophenyl phenyl ether	SOT	CSD	94.0	100.0	97.0	4.2	6.19
4-Bromophenyl phenyl ether	CS	CSD	95.0	90.0	92.5	3.5	5.41
4-Bromophenyl phenyl ether	SOT	CSD	91.0	97.0	94.0	4.2	6.38
4-Bromophenyl phenyl ether	rcs	rcsp	94.0	94.0	94.0	0.0	00.00
4-Bromophenyl phenyl ether	SOT	CSD	91.0	87.0	89.0	2.8	4.49
4-Bromophenyl phenyl ether	SJT	CSD	94.0	95.0	94.5	0.7	1.06
4-Bromophenyl phenyl ether	SJT	CSD	104.0	100.0	102.0	2.8	3.92
4-Bromophenyl phenyl ether	SOT	rcsp	100.0	95.0	97.5	3.5	5.13
4-Bromophenyl phenyl ether	SJI	CSD	95.0	0.66	97.0	2.8	4.12
4-Bromophenyl phenyl ether	SOT	רכצם	102.0	98.0	100.0	2.8	4.00
4-Bromophenyl phenyl ether	SOT	CSD	86.0	87.0	86.5	0.7	1.16
4-Bromophenyl phenyl ether	SOT	CSD	85.0	83.0	84.0	1.4	2.38
4-Bromophenyl phenyl ether	SOT	CSD	97.0	93.0	95.0	2.8	4.21
4-Bromophenyl phenyl ether	rcs	CCSD	0.96	98.0	97.0	1.4	2.06
4-Bromophenyl phenyl ether	SOT	CSD	94.0	100.0	97.0	4.2	6.19
4-Chloro-3-methylphenol	SOT	CCSD	103.0	98.0	100.5	3.5	4.98
4-Chloro-3-methylphenol	SOT	CSD	91.0	91.0	91.0	0.0	0.00
4-Chloro-3-methylphenol	SOT	CCSD	95.0	106.0	100.5	7.8	10.95
4-Chloro-3-methylphenol	SOT	CSD	97.0	106.0	101.5	6.4	8.87
4-Chloro-3-methylphenol	SJI	CCSD	102.0	101.0	101.5	0.7	0.99
4-Chloro-3-methylphenol	SJT	CSD	95.0	95.0	95.0	0.0	00.00
4-Chloro-3-methylphenol	SJT	CSD	95.0	84.0	89.5	7.8	12.29
4-Chloro-3-methylphenol	rcs	CSD	93.0	101.0	97.0	5.7	8.25
4-Chloro-3-methylphenol	SOT	CSD	93.0	103.0	98.0	7.1	10.20
4-Chloro-3-methylphenol	rcs	CSD	105.0	101.0	103.0	2.8	3.88
4-Chloro-3-methylphenol	SOT	CSD	97.0	106.0	101.5	6.4	8.87
4-Chloro-3-methylphenol	rcs	CSD	102.0	104.0	103.0	1.4	1.94
4-Chloro-3-methylphenol	SOT	CSD	88.0	86.0	87.0	1.4	2.30
4-Chloro-3-methylphenol	SOT	CSD	102.0	0.66	100.5	2.1	2.99
4-Chloro-3-methylphenol	SOT	CSD	97.0	98.0	97.5	0.7	1.03
4-Chloro-3-methylphenol	SOT	CSD	95.0	97.0	94.5	3.5	5.29
4-Chloro-3-methylphenol	rcs	rcsp	98.0	104.0	101.0	4.2	5.94
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 101

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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4-Chloroaniline	SOT	CSD	88.0	94.0	91.0	4.2	6.59
4-Chloroaniline	SOT	CSD	86.0	95.0	90.5	6.4	9.94
4-Chloroaniline	SOT	CSD	85.0	93.0	89.0	5.7	8,99
4-Chloroaniline	SOT	CSD	107.0	104.0	105.5	2.1	2.84
4-Chloroaniline	SOT	CSD	103.0	100.0	101.5	2.1	2.96
4-Chloroaniline	SOT	CSD	87.0	93.0	90.0	4.2	6.67
4-Chloroaniline	SOT	CSD	84.0	84.0	84.0	0.0	0.00
4-Chloroaniline	SOT	CSD	104.0	104.0	104.0	0.0	0.00
4-Chloroaniline	SOT	CSD	91.0	92.0	91.5	0.7	1.09
4-Chloroaniline	rcs	CSD	96.0	98.0	97.0	1.4	2.06
4-Chloroaniline	SOT	CSD	107.0	108.0	107.5	0.7	0.93
4-Chloroaniline	SOT	CSD	95.0	0.66	97.0	2.8	4.12
4-Chloroaniline	rcs	CSD	83.0	73.0	78.0	7.1	12.82
4-Chloroaniline	SOT	CSD	95.0	0.66	97.0	2.8	4.12
	SOT	CSD	87.0	93.0	0.06	4.2	6.67
	SOT	CSD	104.0	104.0	104.0	0.0	0.00
4-Chlorophenyl phenyl ether	rcs	CSD	104.0	107.0	105.5	2.1	2.84
phenyl	SOT	CCSD	102.0	108.0	105.0	4.2	5.71
phenyl	SOT	CSD	102.0	106.0	104.0	2.8	3.85
phenyl	CS	CSD	93.0	91.0	92.0	1.4	2.17
phenyl	rcs	CSD	102.0	105.0	103.5	2.1	2.90
phenyl	CCS	rcsD	111.0	102.0	106.5	6.4	8.45
4-Chlorophenyl phenyl ether	SOT	CSD	111.0	110.0	110.5	0.7	0.90
phenyl	SOT	CSD	101.0	108.0	104.5	4.9	6.70
phenyl	SOT	CSD	118.0	117.0	117.5	0.7	0.85
phenyl	SOT	rcsp	111.0	102.0	106.5	6.4	8.45
phenyl	CS	CSD	100.0	0.66	99.5	0.7	1.01
phenyl	SOT	CSD	108.0	111.0	109.5	2.1	2.74
phenyl	rcs	CSD	101.0	103.0	102.0	1.4	1.96
	SOT	CSD	107.0	0.66	103.0	5.7	7.77
phenyl	SOT	CSD	102.0	106.0	104.0	2.8	3.85
4-Chlorophenyl phenyl ether	SOT	CSD	104.0	104.0	104.0	0.0	0.00
4-Methylphenol(p-cresol)	SOT	CSD	78.0	78.0	78.0	0.0	0.00
4-Methylphenol(p-cresol)	rcs	rcso	61.0	61.0	61.0	0.0	0.00
4-Methylphenol(p-cresol)	rcs	rcsD	0.79	75.0	71.0	5.7	11.27
Compiled: 10 May 1004	NC - Not Calland		1				
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1		!	1	
4-Methylphenol(p-cresol)	rcs	CSD	0.99	62.0	64.0	2.8	6.25
4-Methylphenol(p-cresol)	rcs	CCSD	77.0	77.0	77.0	0.0	00.00
4-Methylphenol(p-cresol)	rcs	CSD	0.89	0.99	67.0	1.4	2.99
4-Methylphenol(p-cresol)	rcs	CSD	71.0	0.79	0.69	2.8	5.80
4-Methylphenol(p-cresol)	rcs	rcsD	63.0	69.0	66.0	4.2	60.6
4-Methylphenol(p-cresol)	rcs	CSD	65.0	68.0	66.5	2.1	4.51
4-Methylphenol(p-cresol)	rcs	CSD	71.0	73.0	72.0	1.4	2.78
4-Methylphenol(p-cresol)	, SOT	CSD	70.0	61.0	65.5	6.4	13.74
4-Methylphenol(p-cresol)	rcs	CSD	64.0	74.0	0.69	7.1	14.49
4-Methylphenol(p-cresol)	rcs	CSD	68.0	74.0	71.0	4.2	8.45
4-Methylphenol(p-cresol)	CS	CSD	0.79	75.0	71.0	5.7	11.27
4-Methylphenol(p-cresol)	CCS	CCSD	71.0	78.0	74.5	4.9	9.40
4-Methylphenol(p-cresol)	rcs	CSD	73.0	74.0	73.5	0.7	1.36
4-Nitroaniline	rcs	CSD	97.0	104.0	100.5	<b>4</b> .9	6.97
4-Nitroaniline	SJT	CSD	87.0	84.0	85.5	2.1	3.51
4-Nitroaniline	rcs	CCSD	106.0	104.0	105.0	1.4	1.90
4-Nitroaniline	SOT	CSD	113.0	112.0	112.5	0.7	0.89
4-Nitroaniline	rcs	CSD	102.0	105.0	103.5	2.1	2.90
4-Nitroaniline	CS	CSD	103.0	93.0	98.0	7.1	10.20
4-Nitroaniline	rcs	CSD	98.0	99.0	98.5	0.7	1.02
4-Nitroaniline	SOT	CCSD	0.66	104.0	101.5	3.5	4.93
4-Nitroaniline	רכז	CSD	0.06	91.0	90.5	0.7	1.10
4-Nitroaniline	SJ	rcsp	102.0	106.0	104.0	2.8	3.85
4-Nitroaniline	rcs	CSD	95.0	101.0	98.0	4.2	6.12
4-Nitroaniline	SOT	CCSD	95.0	101.0	98.0	4.2	6.12
4-Nitroaniline	rcs	CSD	105.0	107.0	106.0	1.4	1.89
4-Nitroaniline	SOT	rcso	102.0	103.0	102.5	0.7	0.98
4-Nitroaniline	רכז	CSD	95.0	101.0	98.0	4.2	6.12
4-Nitroaniline	SOT	CCSD	100.0	90.0	95.0	7.1	10.53
4-Nitrophenol	rcs	CSD	32.0	34.0	33.0	1.4	90.9
4-Nitrophenol	TCS	CSD	64.0	74.0	0.69	7.1	14.49
4-Nitrophenol	CCS	CSD	51.0	43.0	47.0	5.7	17.02
4-Nitrophenol	rcs	CCSD	41.0	40.0	40.5	0.7	2.47
4-Nitrophenol	CCS	CCSD	58.0	74.0	0.99	11.3	24.24
4-Nitrophenol	SOT	rcsD	57.0	54.0	55.5	2.1	5.41
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 103

	77.00						
		Duplicate		Duplicate	Mean	Standard	
rarameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
4-Nitrophenol	rcs	CSD	61.0	61.0	61.0	0.0	0.00
4-Nitrophenol	rcs	CSD	39.0	39.0	39.0	0.0	0.00
4-Nitrophenol	rcs	CSD	31.0	30.0	30.5	0.7	3.28
4-Nitrophenol	rcs son	CSD	49.0	51.0	50.0	1.4	4.00
4-Nitrophenol	rcs	CSD	47.0	43.0	45.0	2.8	8.89
4-Nitrophenol	rcs	CSD	63.0	62.0	62.5	0.7	1.60
4-Nitrophenol	rcs	rcsp	45.0	47.0	46.0	1.4	4.35
4-Nitrophenol	rcs son	rcsp	43.0	36.0	39.5	4.9	17.72
4-Nitrophenol	rcs	rcsp	34.0	34.0	34.0	0.0	00.00
4-Nitrophenol	rcs	CSD	58.0	74.0	0.99	11.3	24.24
4-Nitrophenol	SOT	CSD	54.0	56.0	55.0	1.4	3.64
Acenaphthene	rcs	CSD	0.98	92.0	89.0	4.2	6.74
Acenaphthene	rcs	CSD	87.0	90.0	88.5	2.1	3.39
Acenaphthene	CS	CSD	88.0	81.0	84.5	4.9	8.28
Acenaphthene	rcs	rcsD	86.0	0.06	88.0	2.8	4.55
Acenaphthene	rcs	CSD	81.0	82.0	81.5	0.7	1.23
Acenaphthene	SOT	rcsp	0.06	92.0	91.0	1.4	2.20
Acenaphthene	SOT	rcsp	83.0	84.0	83.5	0.7	1.20
Acenaphthene	SOT	rcsD	79.0	85.0	82.0	4.2	7.32
Acenaphthene	SOT	CSD	0.68	90.0	89.5	. 0.7	1.12
Acenaphthene	SOT	CSD	85.0	90.0	87.5	3.5	5.71
Acenaphthene	SOT	rcsp	85.0	90.0	87.5	3.5	5.71
Acenaphthene	rcs	rcso	87.0	94.0	90.5	4.9	7.73
Acenaphthene	SOT	rcso	0.06	86.0	88.0	2.8	4.55
Acenaphthene	SOT	rcso	91.0	0.06	90.2	0.7	1.10
Acenaphthene	SOT	rcsD	94.0	0.06	92.0	2.8	4.35
Acenaphthene	rcs	rcsd	89.0	93.0	91.0	2.8	4.40
Acenaphthene	rcs	CSD	0.76	94.0	95.5	2.1	3.14
Acenaphthylene	rcs	CSD	0.66	100.0	99.5	0.7	1.01
Acenaphthylene	SOT	CSD	89.0	89.0	89.0	0.0	0.00
Acenaphthylene	rcs	CSD	93.0	98.0	95.5	3.5	5.24
Acenaphthylene	rcs	CSD	106.0	101.0	103.5	3.5	4.83
Acenaphthylene	SOT	CSD	93.0	0.66	96.0	4.2	6.25
Acenaphthylene	SOT	rcsp	92.0	84.0	88.0	5.7	60.6
Acenaphthylene	rcs	rcsD	92.0	0.66	95.5	4.9	7.33
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 104

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	1 1 1 1 1 1 1 1 1			1 1 1 1
Acenaphthylene	. SOT	rcsD	93.0	99.0	0.96	4.2	6.25
Acenaphthylene	CS	CSD	100.0	100.0	100.0	0.0	0.00
Acenaphthylene	CS	CSD	100.0	103.0	101.5	2.1	2.96
Acenaphthylene	SOT	CSD	106.0	103.0	104.5	2.1	2.87
Acenaphthylene	TCS	CSD	0.66	97.0	98.0	1.4	2.04
Acenaphthylene	rcs	CSD	100.0	94.0	97.0	4.2	6.19
Acenaphthylene	rcs	CSD	94.0	98.0	96.0	2.8	4.17
Acenaphthylene	rcs	CSD	86.0	89.0	87.5	2.1	3.43
Acenaphthylene	rcs	CSD	91.0	90.0	90.5	0.7	1.10
Acenaphthylene	rcs	CSD	0.96	100.0	98.0	2.8	4.08
Anthracene	CCS	CSD .	0.96	102.0	99.0	4.2	90.9
Anthracene	rcs	GSOT	94.0	98.0	96.0	2.8	4.17
Anthracene	CS	CCSD	0.96	102.0	0.66	4.2	90.9
Anthracene	SOT	OSOT	101.0	106.0	103.5	3.5	4.83
Anthracene	rcs	CSD	101.0	97.0	0.66	2.8	4.04
Anthracene	rcs	CSD	100.0	103.0	101.5	2.1	2.96
Anthracene	CS	CSD	86.0	85.0	85.5	0.7	1.17
Anthracene	rcs	CSD	93.0	91.0	92.0	1.4	2.17
Anthracene	rcs	CSD	105.0	105.0	105.0	0.0	0.00
Anthracene	rcs	CSD	105.0	104.0	104.5	0.7	0.96
Anthracene	rcs	0527	108.0	107.0	107.5	0.7	0.93
Anthracene	CS	CSD	92.0	89.0	90.5	2.1	3.31
Anthracene	SJT	CSD	0.96	102.0	99.0	4.2	90.9
Anthracene	rcs	CSD	92.0	94.0	93.0	1.4	2.15
Anthracene	rcs .	CSD	109.0	104.0	106.5	3.5	4.69
Anthracene	rcs	CSD	101.0	101.0	101.0	0.0	00.00
Anthracene	rcs	CSD	0.66	102.0	100.5	2.1	2.99
Benzo(a)anthracene	SOT	CSD	88.0	95.0	91.5	4.9	7.65
Benzo(a)anthracene	SOT	CSD	104.0	100.0	102.0	2.8	3.92
Benzo(a)anthracene	rcs	CSD	88.0	95.0	91.5	4.9	7.65
Benzo(a)anthracene	TCS	CSD	93.0	98.0	95.5	3.5	5.24
Benzo(a)anthracene	rcs	CSD	88.0	86.0	87.0	1.4	2.30
Benzo(a)anthracene	CS	CSD	95.0	97.0	94.5	3.5	5.29
Benzo(a)anthracene	rcs	CSD	99.0	101.0	100.0	1.4	2.00
Benzo(a)anthracene	rcs	CSD	0.96	92.0	94.0	2.8	4.26
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 105

	1980	Duplicate		Dunlicate	Mean	C+andand	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1		: : : : : : : : : : : : : : : : : : : :		1 1 1 1	1 1 1
Benzo(a)anthracene	SJT	CSD	0.96	97.0	96.5	0.7	1.04
Benzo(a)anthracene	rcs	CSD	100.0	101.0	100.5	0.7	1.00
Benzo(a)anthracene	SOT	CSD	91.0	101.0	96.0	7.1	10.42
Benzo(a)anthracene	SOT	CSD	103.0	102.0	102.5	0.7	0 98
Benzo(a)anthracene	SOT	ason	94.0	97.0	95.5		3 14
Benzo(a)anthracene	CS	CSD	0.06	81.0	9 9 5 7	1.9	10.52
Benzo(a)anthracene	rcs	CSD	91.0	92.0	91.5	7.0	109
Benzo(a)anthracene	CS	CCSD	0.06	0.79	03.5	. 0	7.49
Benzo(a)anthracene	SOT	CSD	101.0	106.0	103.5	טירטירט	64.7
Benzo(a)pyrene	rcs	CSD	0.68	0.88	0.001	0.0	60.0
Benzo(a)pyrene	rcs	CSD	0.76	91.0	0.00	) · v	0.00
Benzo(a)pyrene	CS	CSD	94.0	03.0	03.50	7.7	0.30
Benzo(a)pyrene	CS	CSD	0.08	94.0	 	, . , .	1.07
Benzo(a)pyrene	CS	CSD	88.0	0.68			1 12
Benzo(a)pyrene	rcs	CSD	84.0	85.0	8.00		1.10
Benzo(a)pyrene	rcs	CSD	82.0	89.0	85.5	٥.,	4.10 8 10
Benzo(a)pyrene	TCS	CSD	83.0	89.0	9.00		61.5
Benzo(a)pyrene	TCS	CSD	85.0	0.06	87.5	. w	0.30
Benzo(a)pyrene	CS	CSD	93.0	94.0	93.5	2:0	1 07
Benzo(a)pyrene	rcs	CSD	85.0	0.88	86.5		3.47
Benzo(a)pyrene	SOT	CSD	89.0	84.0	86.5	. w	5.78
Benzo(a)pyrene	SOT	CSD	91.0	91.0	91.0	0.0	00.0
Benzo(a)pyrene	rcs	CSD	90.0	90.0	0.06	0.0	00.0
Benzo(a)pyrene	rcs	CSD	81.0	80.0	80.5	2:0	1 24
Benzo(a)pyrene	SOT	CSD	83.0	75.0	79.0	5.7	10.13
Benzo(a)pyrene	rcs	CCSD	83.0	89.0	86.0	4.2	6.98
Benzo(b)fluoranthene	rcs	CSD	88.0	0.06	89.0	1.4	2.25
Benzo(b)fluoranthene	rcs	rcsD	102.0	0.66	100.5	2.1	2.99
Benzo(b)fluoranthene	rcs	רכצס	0.98	0.06	88.0	2.8	4.55
Benzo(b)fluoranthene	SOT	rcso	86.0	92.0	89.0	4.2	6.74
Benzo(b)fluoranthene	rcs	CCSD	92.0	92.0	92.0	0.0	00.0
Benzo(b)fluoranthene	rcs	CSD	77.0	88.0	82.5	7.8	13,33
Benzo(b)fluoranthene	SOT	CSD	79.0	80.0	79.5	0.7	1.26
Benzo(b)fluoranthene	SOT	CSD	84.0	0.96	90.0	8.5	13,33
benzo(b)Tluoranthene	rcs	rcsD	0.77	75.0	76.0	1.4	2.63
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				BO. 106
			(				001 _60



		Dunlicate		Oun i cate	M	C+ and and	1
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1 1		1	
Benzo(b)fluoranthene	SOT	CSD	0.96	94.0	95.0	1.4	2.11
Benzo(b)fluoranthene	SJT	CCSD	91.0	93.0	92.0	1.4	2.17
Benzo(b)fluoranthene	rcs	CCSD	0.06	87.0	88.5	2.1	3.39
Benzo(b)fluoranthene	rcs	CSD	84.0	96.0	90.0	8.5	13.33
Benzo(b)fluoranthene	SOT	CSD	0.06	95.0	92.5	3.5	5.41
Benzo(b)fluoranthene	rcs	CSD	88.0	86.0	87.0	1.4	2.30
Benzo(b)fluoranthene	rcs	CSD	97.0	85.0	91.0	8.5	13.19
Benzo(b)fluoranthene	SOT	CSD	0.06	93.0	91.5	2.1	3.28
Benzo(g,h,i)perylene	· SOT	CCSD	100.0	104.0	102.0	2.8	3.92
Benzo(g,h,i)perylene	rcs	CSD	114.0	115.0	114.5	0.7	0.87
Benzo(g,h,i)perylene	SOT	CSD	118.0	119.0	118.5	0.7	0.84
Benzo(g,h,i)perylene	SOT	CSD	93.0	94.0	93.5	0.7	1.07
Benzo(g,h,i.)perylene	SOT	CSD	109.0	112.0	110.5	2.1	2.71
Benzo(g,h,i)perylene	rcs	CSD	89.0	91.0	0.06	1.4	2.22
Benzo(g,h,i)perylene	rcs	rcsp	0.08	80.0	80.0	0.0	00.00
Benzo(g,h,i)perylene	SOT	CCSD	102.0	114.0	108.0	8.5	11.11
Benzo(g,h,i)perylene	SOT	CSD	91.0	99.0	95.0	5.7	8.42
Benzo(g,h,i)perylene	rcs	CSD	102.0	102.0	102.0	0.0	00.00
Benzo(g,h,i)perylene	rcs	CSD	81.0	78.0	79.5	2.1	3.77
Benzo(g,h,i)perylene	SOT	CSD	83.0	87.0	85.0	2.8	4.71
Benzo(g,h,i)perylene	SOT	CSD	114.0	113.0	113.5	0.7	0.88
Benzo(g,h,i)perylene	SOT	CSD	92.0	100.0	0.96	5.7	8.33
Benzo(g,h,i)perylene	rcs	CCSD	102.0	114.0	108.0	8.5	11.11
Benzo(g,h,i)perylene	SJT	rcsD	0.96	98.0	97.0	1.4	2.06
Benzo(g,h,i)perylene	rcs	CSD	103.0	109.0	106.0	4.2	5.66
Benzo(k)fluoranthene	r son	CCSD	0.86	113.0	105.5	10.6	14.22
Benzo(k)fluoranthene	SOT	CCSD	86.0	81.0	83.5	3.5	5.99
Benzo(k)fluoranthene	rcs	CCSD	100.0	103.0	101.5	2.1	2.96
Benzo(k)fluoranthene	rcs	CSD	100.0	102.0	101.0	1.4	1.98
Benzo(k)fluoranthene	SOT	CSD	101.0	95.0	98.0	4.2	6.12
Benzo(k)fluoranthene	SOT	CSD	103.0	100.0	101.5	2.1	2.96
Benzo(k)fluoranthene	SOT	CSD	0.66	101.0	100.0	1.4	2.00
Benzo(k)fluoranthene	rcs	CSD	0.67	74.0	76.5	3.5	6.54
Benzo(k)fluoranthene	rcs	CSD	104.0	105.0	104.5	7.0	96.0
Benzo(k)fluoranthene	SOT	rcsD	0.06	102.0	96.0	8.5	12.50
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 107

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
Ronzo (b) flucusus thous	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 4	1 0		! 6	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	
מוביולא) ו זמנו מוונופוופ		LCSU	92.0	92.0	92.0	0.0	00.0
Benzo(K)Tluoranthene	SOT	CSD	93.0	88.0	90.5	3.5	5.52
Benzo(k)fluoranthene	rcs	CSD	0.96	98.0	97.0	1.4	2.06
Benzo(k)fluoranthene	rcs	CSD	106.0	102.0	104.0	2.8	3.85
Benzo(k)fluoranthene	SOT	CSD	103.0	104.0	103.5	0.7	0.97
Benzo(k)fluoranthene	rcs	CSD	0.96	98.0	97.0		2.06
Benzo(k)fluoranthene	SOT	CSD	108.0	111.0	109.5	2.1	2.74
Benzoic acid	SOT	CSD	< 39.0 (J)	(0) 39.0 (1)	) NC	NC	NC
Benzoic acid	rcs	CSD	< 38.6	< 38.6	NC	NC	NC
Benzoic acid	rcs	CSD	< 39.0 (1)	< 39.0 (1)	) NC	NC	NC
Benzoic acid	rcs	. rcsd	35.0	40.0	37.5	3.5	13.33
	rcs	CSD	< 39.0 (J)	< 39.0 (1)	) NC	NC	NC
	SOT	CSD	< 39.0 (1)	< 39.0 (1)	) NC	NC	NC
	rcs	CSD	26,0	20.0	23.0	4.2	26.09
Benzoic acid	rcs	rcsp	< 38.6 (J)	< 38.6 (J)	) NC	NC	NC
Benzoic acid	rcs	CSD	< 39.0 (1)	< 39.0 (J)	) NC	NC	NC
Benzoic acid	SOT	CSD	35.0	22.0	28.5	9.2	45.61
Benzoic acid	SOT	LCSD.	< 38.6 (J)	< 38.6 (J)	NC NC	NC	NC
Benzoic acid	rcs	CSD	< 39.0 (J)	< 39.0 (J)	) NC	NC	NC
Benzoic acid	rcs	CCSD	< 38.6 (J)	< 38.6 (J)	NC	NC NC	NC
Benzoic acid	SOT	CSD	29.0	28.0	28.5	0.7	3.51
Benzoic acid	rcs	CSD	< 39.0 (J)	< 39.0 (J)	NC	NC	NC
Benzoic acid	SOT	CSD	< 39.0 (1)	< 39.0 (J)	NC	NC	NC
	rcs	CSD	0.08	87.0	83.5	4.9	8.38
	rcs	CSD	84.0	86.0	85.0	1.4	2.35
	rcs	CSD	79.0	87.0	83.0	5.7	9.64
	rcs	rcsD	83.0	0.68	86.0	4.2	6.98
	rcs	CSD	92.0	0.96	94.0	2.8	4.26
	rcs	CSD	92.0	94.0	93.0	1.4	2.15
	rcs	CSD	83.0	75.0	79.0	5.7	10.13
	rcs	CSD	74.0	74.0	74.0	0.0	0.00
	rcs	CSD	0.08	87.0	83.5	4.9	8.38
	rcs	rcsD	0.98	83.0	84.5	2.1	3.55
	rcs	rcsD	92.0	0.06	91.0	1.4	2.20
Benzyl alcohol	SOT	rcsD	84.0	0.06	87.0	4.2	06.90
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 108
			- (				)

		Dunlicato		Junitate	N COM	Lacture +2	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 2 1 1 1 1 1 1	8 F 2 8 8 E F E		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Benzyl alcohol	rcs	CSD	82.0	91.0	86.5	6.4	10.40
Benzyl alcohol	rcs	CSD	87.0	93.0	90.0	4.2	6.67
Benzyl alcohol	rcs	rcsD	92.0	87.0	89.5	3.5	5.59
Benzyl alcohol	rcs	rcsp	80.0	79.0	79.5	0.7	1.26
Butylbenzylphthalate	rcs	CSD	91.0	0.66	95.0	5.7	8.42
Butylbenzylphthalate	rcs .	CSD	92.0	94.0	93.0	1.4	2.15
Butylbenzylphthalate	SOT	CSD	100.0	107.0	103.5	4.9	6.76
Butylbenzylphthalate	CS	CSD	94.0	85.0	89.5	6.4	10.06
Butylbenzylphthalate	rcs	CSD	110.0	109.0	109.5	0.7	0.91
Butylbenzylphthalate	SJT	TCSD	102.0	101.0	101.5	0.7	0.99
Butylbenzylphthalate	rcs	rcsp	109.0	110.0	109.5	0.7	0.91
Butylbenzylphthalate	rcs	CSD	109.0	110.0	109.5	0.7	0.91
Butylbenzylphthalate	rcs	rcsD	0.06	0.66	94.5	6.4	9.52
Butylbenzylphthalate	FCS	CSD	110.0	109.0	109.5	0.7	0.91
Butylbenzylphthalate	SOT	CSD	98.0	102.0	100.0	2.8	4.00
Butylbenzylphthalate	SOT	CCSD	95.0	100.0	97.5	3.5	5.13
Butylbenzylphthalate	רכצ	CSD	85.0	85.0	85.0	0.0	0.00
Butylbenzylphthalate	SOT	CSD	93.0	102.0	97.5	6.4	9.23
Butylbenzylphthalate	rcs	CSD	0.66	100.0	99.5	0.7	1.01
Butylbenzylphthalate	רכצ	CSD	93.0	91.0	92.0	1.4	2.17
Butylbenzylphthalate	SJT	CSD	0.06	99.0	94.5	6.4	9.52
Chrysene	SOT	רכצם	88.0	96.0	92.0	5.7	8.70
Chrysene	SOT	CSD	87.0	95.0	91.0	5.7	8.79
Chrysene	SOT	CSD	96.0	90.0	93.0	4.2	6.45
Chrysene	SOT	CSD	95.0	95.0	95.0	0.0	00.00
Chrysene	rcs	CSD	87.0	97.0	92.0	7.1	10.87
Chrysene	CS	CSD	87.0	95.0	91.0	5.7	8.79
Chrysene	SOT	CSD	104.0	99.0	101.5	3.5	4.93
Chrysene	SOT	CSD	97.0	96.0	96.5	0.7	1.04
Chrysene	rcs	CSD	84.0	89.0	86.5	3.5	5.78
Chrysene	SOT	CSD	91.0	0.96	93.5	3.5	5.35
Chrysene	SOT	CSD	98.0	99.0	98.5	0.7	1.02
Chrysene	SOT	CSD	93.0	101.0	97.0	5.7	8.25
Chrysene	SOT	CSD	101.0	100.0	100.5	0.7	1.00
Chrysene	SJI	CSD	0.66	100.0	99.5	0.7	1.01
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 109

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1		1 1 1 1	1
Chrysene	CCS	CSD	87.0	85.0	86.0	1.4	2,33
Chrysene	rcs	CSD	92.0	95.0	93.5	2.1	3.21
Chrysene	SOT	CSD	93.0	82.0	87.5	7.8	12.57
Oi-n-butylphthalate	SJT	CSD	113.0	117.0	115.0	2.8	3.48
Di-n-butylphthalate	rcs	CSD	89.0	93.0	91.0	2.8	4.40
Di-n-butylphthalate	rcs	CSD	108.0	116.0	112.0	5.7	7.14
Di-n-buty]phthalate	rcs	CSD	119.0	113.0	116.0	4.2	5.17
Di-n-butylphthalate	TCS	rcsD	93.0	91.0	92.0	1.4	2.17
Di-n-butylphthalate	· CCS ·	CSD	95.0	97.0	0.96	1.4	2.08
Di-n-buty]phthalate	rcs	CSD	105.0	106.0	105.5	0.7	0.95
Di~n-butylphthalate	CS	CSD	129.0	126.0	127.5	2.1	2.35
Di-n-butylphthalate	rcs	CSD	85.0	85.0	85.0	0.0	0.00
Di-n-butylphthalate	rcs	CCSD	114.0	120.0	117.0	4	5.13
Oi-n-butylphthalate	rcs	CSD	116.0	115.0	115.5	0.7	0.87
Di-n-butylphthalate	CS	rcsD	109.0	101.0	105.0	5.7	7.62
Di-n-butylphthalate	rcs	CSD	115.0	121.0	118.0	4.2	5.08
Di-n-butylphthalate	CS	CSD	93.0	90.0	91.5	2.1	3.28
Di-n-butylphthalate	TCS	CSD	108.0	116.0	112.0	5.7	7.14
Di-n-butylphthalate	SOT	CSD	98.0	106.0	102.0	5.7	7.84
Di-n-butylphthalate	rcs	CSD	105.0	104.0	104.5	0.7	0.96
Di-n-octylphthalate	SOT	CSD	112.0	116.0	114.0	2.8	3.51
Di-n-octylphthalate	rcs	CSD	113.0	116.0	114.5	2.1	2.62
Di-n-octylphthalate	SOT	CSD	91.0	93.0	92.0	1.4	2.17
Di-n-octylphthalate	SOT	CCSD	116.0	116.0	116.0	0.0	0.00
Di-n-octylphthalate	SOT	CSD	98.0	0.96	97.0	1.4	2.06
Di-n-octylphthalate	rcs	CSD	106.0	115.0	110.5	6.4	8.14
Di-n-octylphthalate	rcs	CCSD	130.0	127.0	128.5	2.1	2.33
Di-n-octylphthalate	SJT	rcsD	0.96	91.0	93.5	3.5	5.35
Di-n-octylphthalate	rcs	rcsD	116.0	118.0	117.0	1.4	1.71
Di-n-octylphthalate	rcs	CSD	120.0	108.0	114.0	8.5	10.53
Di-n-octylphthalate	SJT	CSD	100.0	107.0	103.5	4.9	6.76
Di-n-octylphthalate	SOT	CSD	93.0	95.0	94.0	1.4	2.13
Di-n-octylphthalate	rcs	CSD	115.0	116.0	115.5	0.7	0.87
Di-n-octylphthalate	rcs	CSD	121.0	118.0	119.5	2.1	2.51
Di-n-octylphthalate	SOT	rcsD	118.0	127.0	122.5	6.4	7.35
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flan				
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		Dunlicate		Dunlicato	Moon	C+andard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 2 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1	t t t t t t t t t t t t t t t t t t t			
Oi-n-octy]phthalate	SJT	CSD	92.0	94.0	93.0	1.4	2.15
Di-n-octylphthalate	SJT	CSD	106.0	115.0	110.5	6.4	8.14
Dibenz(a,h)anthracene	SJT	CSD	98.0	102.0	100.0	2.8	4.00
Dibenz(a,h)anthracene	SJT	CCSD	0.06	91.0	90.5	0.7	1.10
Dibenz(a,h)anthracene	SJT	CSD	71.0	70.0	70.5	0.7	1.42
Dibenz(a,h)anthracene	SOT	CSD	91.0	96.0	93.5	3.5	5.35
Dibenz(a,h)anthracene	rcs	CSD	79.0	83.0	81.0	2.8	4.94
Dibenz(a,h)anthracene	SOT	CSD	82.0	87.0	84.5	3.5	5.92
Dibenz(a,h)anthracene	rcs	-CSD	105.0	105.0	105.0	0.0	0.00
Dibenz(a,h)anthracene	rcs	rcsD	94.0	93.0	93.5	0.7	1.07
Dibenz(a,h)anthracene	SOT	CSD	95.0	99.0	97.0	2.8	4.12
Dibenz(a,h)anthracene	rcs	CSD	97.0	99.0	98.0	1.4	2.04
Dibenz(a,h)anthracene	SOI	CSD	92.0	94.0	93.0	1.4	2.15
Dibenz(a,h)anthracene	SON	CSD	85.0	86.0	85.5	0.7	1.17
Dibenz(a,h)anthracene	SOT	CSD	89.0	0.96	92.5	4.9	7.57
Dibenz(a,h)anthracene	SOT	CSD	86.0	93.0	89.5	4.9	7.82
Oibenz(a,h)anthracene	SOT	CSD	89.0	0.96	92.5	4.9	7.57
Oibenz(a,h)anthracene	rcs	CSD	89.0	95.0	92.0	4.2	6.52
Dibenz(a,h)anthracene	SOT	rcsD	79.0	76.0	77.5	2.1	3.87
Dibenzofuran	SOT	CSD	100.0	94.0	97.0	4.2	6.19
Dibenzofuran	SOT	rcsD	103.0	106.0	104.5	2.1	2.87
Dibenzofuran	CCS	CSD	92.0	98.0	95.0	4.2	6.32
Oibenzofuran	SOT	CSD	102.0	95.0	98.5	4.9	7.11
Dibenzofuran	SOT	CCSD	95.0	98.0	96.5	2.1	3.11
Dibenzofuran	SJT	CSD	89.0	92.0	90.5	2.1	3.31
Dibenzofuran	CCS	CSD	94.0	97.0	95.5	2.1	3.14
Dibenzofuran	SJT	CSD	0.96	99.0	97.5	2.1	3.08
Dibenzofuran	SOT	CSO	96.0	100.0	98.0	2.8	4.08
Dibenzofuran	SOT	CSD	0.66	97.0	98.0	1.4	2.04
Dibenzofuran	SOT	CSD	92.0	98.0	95.0	4.2	6.32
Dibenzofuran	SOT	CSD	105.0	104.0	104.5	0.7	0.96
Dibenzofuran	CCS	CSD	97.0	90.0	93.5	4.9	7.49
Dibenzofuran	SOT	rcso	95.0	101.0	98.0	4.2	6.12
Dibenzofuran	SOT	CCSD	88.0	87.0	87.5	0.7	1.14
Dibenzofuran	rcs	rcsD	0.96	0.79	96.5	0.7	1.04
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 111

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i i i		!		
Diethylphthalate	CS	CSD	105.0	107.0	106.0	1.4	1.89
Diethylphthalate	SOT	rcsp	102.0	108.0	105.0	4.2	5.71
Diethylphthalate	rcs	rcsp	110.0	104.0	107.0	2.4	5.61
Diethylphthalate	SJT	rcsp	101.0	103.0	102.0	1.4	1.96
Diethylphthalate	SOT	CSD	99.0	100.0	99.5	0.7	1.01
Diethylphthalate	SOT	rcsp	104.0	105.0	104.5	0.7	96.0
Diethylphthalate	SOT	CSD	92.0	91.0	91.5	0.7	1.09
Diethylphthalate	rcs	rcsp	105.0	0.96	100.5	6.4	8.96
Diethylphthalate	rcs	CSD	102.0	108.0	105.0	4.2	5.71
Diethylphthalate	SOT	rcsp	107.0	108.0	107.5	0.7	0.93
Diethylphthalate	rcs	CSD	99.0	98.0	98.5	0.7	1.02
Diethylphthalate	SOT	rcsd	96.0	104.0	100.0	5.7	8.00
Diethylphthalate	CCS	rcso	98.0	102.0	100.0	2.8	4.00
Diethylphthalate	CS	rcsd	105.0	109.0	107.0	2.8	3.74
Diethylphthalate	rcs	rcsp	103.0	106.0	104.5	2.1	2.87
Diethylphthalate	rcs	rcsd	113.0	102.0	107.5	7.8	10.23
Diethylphthalate	rcs	rcsd	114.0	114.0	114.0	0.0	0.00
Dimethylphthalate	rcs	rcsp	97.0	102.0	99.5	3.5	5.03
Dimethylphthalate	rcs	rcsp	96.0	0.66	97.5	2.1	3.08
Dimethy phthalate	rcs	rcsp	103.0	97.0	100.0	4.2	6.00
Dimethy!phthalate	rcs	CSD	88.0	89.0	88.5	0.7	1.13
Dimethylphthalate	rcs	rcsp	95.0	89.0	92.0	4.2	6.52
Uimethy phthalate	rcs	rcsp	100.0	103.0	101.5	2.1	2.96
Dimethylphthalate	rcs	rcsp	100.0	102.0	101.0	1.4	1.98
Dimethylphthalate	rcs	rcsp	109.0	108.0	108.5	0.7	0.92
Dimethy!phthalate	SOT	rcso	95.0	103.0	99.0	5.7	8.08
Dimethy phthalate	rcs	rcsD	101.0	93.0	97.0	5.7	8.25
Dimethylphthalate	SJT	rcsp	0.96	102.0	99.0	4.2	90.9
Dimethylphthalate	SOT	rcsp	98.0	95.0	96.5	2.1	3.11
Dimethylphthalate	rcs	rcsp	0.96	102.0	99.0	4.2	90.9
Dimethylphthalate	rcs	rcsp	88.0	87.0	87.5	0.7	1.14
Dimethylphthalate	rcs	CSD	96.0	102.0	99.0	4.2	90.9
Dimethylphthalate	CS	LCSD	0.96	0.96	96.0	0.0	0.00
Dimethylphthalate	rcs	rcsD	102.0	101.0	101.5	0.7	0.99
Diphenylamine/N-NitrosoDPA	SOT	CSD	90.0	92.0	91.0	1.4	2.20

() = Data Flag

ND = Not Detected

NC = Not Calculable

Compiled: 10 May 1994

Parameter				222	mean	Standard	
	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1
Diphenylamine/N-NitrosoDPA	rcs	CCSD	87.0	91.0	89.0	2.8	4.49
Diphenylamine/N-NitrosoDPA	rcs	CSD	81.0	80.0	80.5	0.7	1.24
Diphenylamine/N-NitrosoDPA	SOT	CSD	98.0	94.0	0.96	2.8	4.17
Diphenylamine/N-NitrosoDPA	SJT	CSO	91.0	90.0	90.5	0.7	1.10
Diphenylamine/N-NitrosoDPA	rcs	CSD	92.0	86.0	89.0	4.2	6.74
Diphenylamine/N-NitrosoDPA	CS	CSD	85.0	91.0	88.0	4.2	6.82
Diphenylamine/N-NitrosoDPA	TCS	CSD	85.0	91.0	88.0	4.2	6.82
Diphenylamine/N-NitrosoDPA	CS	CSD	0.68	91.0	0.06	1.4	2.25
Diphenylamine/N-NitrosoDPA	TCS	CSD			0.0	0.0	SC
Diphenylamine/N-NitrosoDPA	TCS	CSD	76.0	75.0	75.5	0.7	1.32
Fluoranthene	SJT	· CSD	91.0	99.0	95.0	5.7	8.45
Fluoranthene	rcs	CSD	0.66	100.0	99.5	0.7	1.01
Fluoranthene	SJT	CSD	0.66	102.0	100.5	2.1	2.99
Fluoranthene	rcs	. OSOT	93.0	99.0	96.0	4.2	6.25
Fluoranthene	SJT	CSD	106.0	105.0	105.5	0.7	0.95
Fluoranthene	SOT	CSD	101.0	91.0	0.96	7.1	10.42
Fluoranthene	rcs	CSD	98.0	100.0	0.66	1.4	2.02
Fluoranthene	SOT	CSD	0.66	95.0	97.0	2.8	4.12
Fluoranthene	SJT	CSD	88.0	86.0	87.0	1.4	2.30
Fluoranthene	CCS	CSD	94.0	94.0	94.0	0.0	0.00
Fluoranthene	CS	CSD	0.98	84.0	85.0	1.4	2.35
Fluoranthene	rcs	CSD	83.0	84.0	83.5	0.7	1.20
Fluoranthene	SJT	CSD	91.0	0.66	95.0	5.7	8.42
Fluoranthene	CCS	CSD	94.0	103.0	98.5	6.4	9.14
Fluoranthene	SOT	OSOT	95.0	93.0	94.0	1.4	2.13
Fluoranthene	CCS	CSD	0.76	98.0	97.5	0.7	1.03
Fluoranthene	SOT	rcso	87.0	87.0	87.0	0.0	0.00
Fluorene	CCS	CSD	81.0	84.0	82.5	2.1	3.64
Fluorene	rcs	CSD	0.77	83.0	80.0	4.2	7.50
Fluorene	SJT	CSD	81.0	81.0	81.0	0.0	0.00
Fluorene	SOT	CSD	81.0	82.0	81.5	0.7	1.23
Fluorene	CS	CSD	78.0	82.0	80.0	2.8	5.00
Fluorene	rcs	CSD	79.0	79.0	79.0	0.0	0.00
Fluorene	SJT	CSD	86.0	80.0	83.0	4.2	7.23
Fluorene	SOT	CCSD	78.0	79.0	78.5	0.7	1.2
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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1	1 1 1 1 1 1 1	1 1 1	1 1 1 1	! ! !
Fluorene	rcs	CSD	0.77	80.0	78.5	2.1	3.82
Fluorene	rcs	CSD	80.0	80.0	80.0	0.0	0.00
Fluorene	SOT	CSD	77.0	80.0	78.5	2.1	3.82
Fluorene	rcs	CSO	79.0	80.0	79.5	0.7	1.26
Fluorene	SOT	CSD	85.0	86.0	85.5	0.7	1.17
Fluorene	SOT	CSD	85.0	80.0	82.5	3.5	6.06
Fluorene	SOT	CSD	73.0	72.0	72.5	0.7	1.38
Fluorene	rcs	CSD	82.0	77.0	79.5	3.5	6.29
Fluorene	rcs	CSD	87.0	89.0	88.0	1.4	2.27
Hexachlorobenzene	SOT	CSD	95.0	95.0	95.0	0.0	00.00
Hexachlorobenzene	SOT	CSD	106.0	105.0	105.5	0.7	0.95
Hexachlorobenzene	SOT	CSD	98.0	97.0	97.5	0.7	1.03
Hexachlorobenzene	SOT	CSD	0.96	103.0	99.5	4.9	7.04
Hexachlorobenzene	SOT	CSD	107.0	103.0	105.0	2.8	3.81
Hexachlorobenzene	CS	CSD	111.0	122.0	116.5	7.8	9.44
Hexachlorobenzene	rcs	rcsp	98.0	95.0	96.5	2.1	3.11
Hexachlorobenzene	SOT	CSD	100.0	104.0	102.0	2.8	3.92
Hexachlorobenzene	rcs	CSD	84.0	83.0	83.5	0.7	1.20
Hexachlorobenzene	rcs	CSD	101.0	101.0	101.0	0.0	0.00
Hexachlorobenzene	rcs	rcsp	91.0	98.0	94.5	4.9	7.41
Hexachlorobenzene	rcs	CCSD	86.0	84.0	85.0	1.4	2.35
Hexachlorobenzene	rcs	CSD	0.96	103.0	99.5	4.9	7.04
Hexachlorobenzene	SOT	CCSD	0.88	101.0	99.5	2.1	3.02
Hexachlorobenzene	SOT	CSD	101.0	95.0	98.0	4.2	6.12
Hexachlorobenzene	SJT	CSD	96.0	88.0	92.0	5.7	8.70
Hexachlorobenzene	SOT	CSD	98.0	100.0	0.66	1.4	2.02
Hexachlorobutadiene	SOT	CSD	100.0	105.0	102.5	3.5	4.88
Hexachlorobutadiene	SOT	rcsD	0.08	81.0	80.5	0.7	1.24
Hexachlorobutadiene	SOT	CSD	0.06	86.0	88.0	2.8	4.55
Hexachlorobutadiene	rcs	CSD	101.0	85.0	93.0	11.3	17.20
Hexachlorobutadiene	rcs	CSD	0.66	0.96	97.5	2.1	3.08
Hexachlorobutadiene	SOT	CSD	0.66	0.96	97.5	2.1.	3.08
Hexachlorobutadiene	rcs	CSD	93.0	98.0	95.5	3.5	5.24
Hexachlorobutadiene	SOT	CSD	89.0	93.0	91.0	2.8	4.40
Hexachlorobutadiene	SOT	rcso	93.0	98.0	95.5	3.5	5.24
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 114

		Duplicate		Ouplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	2 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hexachlorobutadiene	CCS	CSD	87.0	87.0	87.0	0.0	00.00
Hexachlorobutadiene	rcs	CSD	95.0	92.0	93.5	2.1	3.21
Hexachlorobutadiene	SOT	CSD	93.0	92.0	92.5	0.7	1.08
Hexachlorobutadiene	SOT	CSD	93.0	87.0	90.0	4.2	6.67
Hexachlorobutadiene	SOT	CSD	91.0	98.0	94.5	4.9	7.41
Hexachlorobutadiene	SOT	CSD	95.0	95.0	95.0	0.0	0.00
Hexachlorobutadiene	SOT	CSD	91.0	95.0	93.0	2.8	4.30
Hexachlorobutadiene	SOT	CSD	101.0	104.0	102.5	2.1	2.93
Hexachlorocyclopentadiene	SOT	CSD	94.0	97.0	95.5	2.1	3.14
Hexachlorocyclopentadiene	SOT	CSD	92.0	94.0	93.0	1.4	2.15
Hexachlorocyclopentadiene	SOT	CSD	143.0	140.0	141.5	2.1	2.12
Hexachlorocyclopentadiene	SOT	CSD	115.0	91.0	103.0	17.0	23.30
Hexachlorocyclopentadiene	SOT	CSD	97.0	109.0	103.0	8.5	11.65
Hexachlorocyclopentadiene	rcs	CSD	125.0	104.0	114.5	14.8	18.34
Hexachlorocyclopentadiene	SOT	CSD	85.0	0.06	87.5	3.5	5.71
Hexachlorocyclopentadiene	SOT	CCSD	95.0	105.0	100.0	7.1	10.00
<b>Hexachlorocyclopentadiene</b>	SOT	CSD	84.0	94.0	89.0	7.1	11.24
Hexachlorocyclopentadiene	rcs	CSD	79.0	103.0	91.0	17.0	26.37
Hexachlorocyclopentadiene	SOT	CSD	104.0	113.0	108.5	6.4	8.29
Hexachlorocyclopentadiene	SOT	CSD	128.0	137.0	132.5	6.4	6.79
Hexachlorocyclopentadiene	CS	CSD	. 134.0	131.0	132.5	2.1	2.26
Hexachlorocyclopentadiene	SOT	CSD	95.0	105.0	100.0	7.1	10.00
Hexachlorocyclopentadiene	SOT	CSD	90.0	82.0	86.0	5.7	9.30
Hexachlorocyclopentadiene	rcs	CSD	102.0	125.0	113.5	16.3	20.26
Hexachloroethane	SOT	CSD	88.0	93.0	90.5	3.5	5.52
Hexachloroethane	CS	CCSD	79.0	86.0	82.5	4.9	8.48
Hexachloroethane	rcs	CSD	83.0	83.0	83.0	0.0	0.00
Hexachloroethane	SOT	CSD	95.0	91.0	93.0	2.8	4.30
Hexachloroethane	rcs	CSD	88.0	91.0	89.5	2.1	3.35
Hexachloroethane	SOT	CSD	89.0	95.0	92.0	4.2	6.52
Hexachloroethane	rcs	CSD	88.0	93.0	90.5	3.5	5.52
Hexachloroethane	SOT	CSD	93.0	88.0	90.5	3.5	5.52
Hexachloroethane	SOT	CSD	94.0	97.0	95.5	2.1	3.14
Hexachloroethane	SOT	CSD	0.96	94.0	95.0	1.4	2.11
Hexachloroethane	SOT	CSD	95.0	93.0	94.0	1.4	2.13
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 115

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Parameter	Sample ID	Sample ID	Value	Uupilcate Walua	Mean	Standard	(8)
			D   1   1   1   1   1   1   1   1   1	ו הע ו פו ו פו	an i d	Deviation	KPD (%)
Hexachloroethane	SOT	CSD	95.0	87.0	91.0	5.7	8.79
Hexachloroethane	rcs	CSD	93.0	98.0	95.5	3.5	5.24
Hexachloroethane	CS	CSD	83.0	92.0	87.5	6.4	10.29
Hexachloroethane	rcs	CSD	92.0	96.0	94.0	2.8	4.26
Hexachloroethane	rcs	CSD	86.0	80.0	83.0	4.2	7.23
Hexachloroethane	rcs	CSD	87.0	93.0	0.06	4.2	6.67
Indeno(1,2,3-cd)pyrene	rcs	CSD	83.0	81.0	82.0	1.4	2.44
Indeno(1,2,3-cd)pyrene	rcs	CSD	92.0	106.0	0.66	9.6	14.14
Indeno $(1,2,3$ -cd $)$ pyrene	rcs	CSD	109.0	95.0	102.0	6.6	13.73
Indeno(1,2,3-cd)pyrene	rcs	CSD	81.0	87.0	84.0	4.2	7.14
Indeno $(1,2,3$ -cd $)$ pyrene	SOT	CSD	93.0	94.0	93.5	0.7	1.07
Indeno(1,2,3-cd)pyrene	rcs	CSD	90.0	92.0	91.0	1.4	2.20
Indeno(1,2,3-cd)pyrene	SOT	rcsp	84.0	102.0	93.0	12.7	19.35
Indeno(1,2,3-cd)pyrene	rcs	CSD	79.0	84.0	81.5	3.5	6.13
Indeno(1,2,3-cd)pyrene	SOT	CSD	95.0	99.0	97.0	2.8	4.12
Indeno(1,2,3-cd)pyrene	SOT	CSD	88.0	91.0	89.5	2.1	3.35
Indeno(1,2,3-cd)pyrene	rcs	CSD	86.0	87.0	86.5	0.7	1.16
Indeno $(1,2,3$ -cd $)$ pyrene	SOT	CSD	103.0	102.0	102.5	0.7	0.98
Indeno(1,2,3-cd)pyrene	rcs	CSD	84.0	102.0	93.0	12.7	19.35
Indeno(1,2,3-cd)pyrene	rcs	CSD	85.0	82.0	83.5	2.1	3.59
Indeno(1,2,3-cd)pyrene	SOT	CSD	85.0	89.0	87.0	2.8	4.60
Indeno(1,2,3-cd)pyrene	SOT	CSD	87.0	94.0	90.5	4.9	7.73
Indeno(1,2,3-cd)pyrene	SOT	CSD	71.0	72.0	71.5	0.7	1.40
Isophorone	rcs	CSD	71.0	70.0	70.5	0.7	1.42
Isophorone	rcs	CSD	71.0	68.0	69.5	2.1	4.32
Isophorone	rcs	0801	61.0	63.0	62.0	1.4	3.23
Isophorone	rcs	CSD	63.0	0.09	61.5	2.1	4.88
Isophorone	rcs	CSD	0.69	0.69	0.69	0.0	0.00
Isophorone	rcs	CSD	64.0	62.0	63.0	1.4	3.17
Isophorone	rcs	CCSD	0.09	64.0	62.0	2.8	6.45
Isophorone	rcs	CSD	29.0	51.0	55.0	5.7	14.55
Isophorone	CS	CSD	. 77.0	82.0	79.5	3.5	6.29
Isophorone	rcs	CSD	78.0	82.0	80.0	2.8	5.00
Isophorone	rcs	CSD	55.0	53.0	54.0	1.4	3.70
Isophorone	rcs	CSD	62.0	65.0	63.5	2.1	4.72
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 116

Sample ID   Sample ID	e ID	Value  54.0 69.0 57.0 60.0 60.0 78.0 91.0 104.0 90.0 89.0 89.0	Duplicate Value 54.0 66.0 63.0 63.0 63.0 97.0 115.0 90.0 77.0 88.0	Mean Value  54.0 67.5 60.0 61.5 81.0 94.0 109.5 89.5	Standard Deviation 0.0 2.1 4.2 2.1 2.1	RPD (%)
Sample 10  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5  1.0.5	0	Value 54.0 69.0 57.0 60.0 78.0 91.0 104.0 92.0 89.0	Value 54.0 66.0 63.0 63.0 63.0 97.0 115.0 90.0 77.0 80.0 88.0	Value 54.0 67.5 60.0 61.5 81.0 94.0 109.5 78.5	Deviation 0.0 2.1 4.2 2.1 2.1	RPD (%)
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\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		54.0 69.0 57.0 60.0 78.0 91.0 90.0 89.0 89.0 81.0	54.0 66.0 63.0 63.0 63.0 84.0 97.0 115.0 80.0 80.0 88.0	54.0 67.5 60.0 61.5 61.5 81.0 94.0 109.5 78.5	0.0 2.1 2.1 2.1 2.1	0.0
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		69.0 57.0 60.0 60.0 78.0 91.0 90.0 80.0 89.0 110.0 85.0	66.0 63.0 63.0 63.0 84.0 97.0 115.0 90.0 77.0 87.0 88.0	67.5 60.0 61.5 61.5 81.0 94.0 109.5 90.0 78.5	2.1 2.1 2.1 2.1	`
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\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		60.0 60.0 78.0 91.0 104.0 90.0 80.0 89.0 81.0	63.0 63.0 84.0 97.0 115.0 90.0 77.0 87.0 88.0	61.5 61.5 81.0 94.0 109.5 90.0 78.5 89.5	2.1	10.00
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		60.0 78.0 91.0 104.0 90.0 89.0 110.0 85.0	63.0 84.0 97.0 115.0 90.0 77.0 87.0 80.0 88.0	61.5 81.0 94.0 109.5 90.0 78.5	2.1	4.88
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		78.0 91.0 104.0 90.0 80.0 110.0 81.0	84.0 97.0 115.0 90.0 77.0 87.0 80.0 88.0	81.0 94.0 109.5 90.0 78.5 89.5	6 7	4.8
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		91.0 104.0 90.0 80.0 92.0 89.0 110.0 81.0	97.0 115.0 90.0 77.0 87.0 80.0 115.0 86.0	94.0 109.5 90.0 78.5 89.5	7.5	7.41
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		104.0 90.0 80.0 92.0 89.0 110.0 81.0	115.0 90.0 77.0 87.0 80.0 115.0 86.0	109.5 90.0 78.5 89.5	4.2	6.38
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		90.0 80.0 92.0 89.0 110.0 81.0	90.0 77.0 87.0 80.0 115.0 88.0	90.0 78.5 89.5	7.8	10.05
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		80.0 92.0 89.0 110.0 81.0	77.0 87.0 80.0 115.0 88.0	78.5	0.0	0.00
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		92.0 89.0 110.0 81.0	87.0 80.0 115.0 88.0 86.0	89.5	2.1	3.85
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		89.0 110.0 81.0 85.0	80.0 115.0 88.0 86.0		3.5	5.5
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		110.0 81.0 85.0	115.0 88.0 86.0	84.5	6.4	10.65
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		81.0	88.0 86.0	112.5	3.5	4.4
\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\fra		85.0	86.0	84.5	4.9	8.28
\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\frac{1}{2}\$\$\fra				85.5	0.7	1.1
\$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31 \$31		74.0	75.0	74.5	0.7	1.3
S S S S S S S S S S S S S S S S S S S		85.0	82.0	83.5	2.1	3.56
S S S S S S S S S S S S S S S S S S S		93.0	94.0	93.5	0.7	1.07
SS SS SS SS SS SS SS SS SS SS SS SS SS		83.0	86.0	84.5	2.1	3.5
SS SS SS SS SS SS SS SS SS SS SS SS SS		84.0	88.0	86.0	2.8	4.6
S31 S31 S31 S31 S31 S31 S31 S31 S31		94.0	0.96	95.0	1.4	2.11
SDT SDT SDT SDT SDT SDT SDT SDT SDT SDT		83.0	86.0	84.5	2.1	3.5
SOT SOT SOT SOT SOT SOT		89.0	95.0	92.0	4.2	6.5
\$31 \$31 \$31 \$31 \$31 \$31		91.0	0.96	93.5	3.5	5.35
\$27 \$27 \$27 \$27 \$27 \$27		89.0	87.0	88.0	1.4	2.2
S07 S07 S07 S07 S07		97.0	95.0	96.0	1.4	2.08
SOT SOT SOT		91.0	95.0	93.0	2.8	4.30
SOT SOT SOT		88.0	93.0	90.5	3.5	5.55
SOT SOT		93.0	98.0	95.5	3.5	5.24
l SJT		83.0	84.0	83.5	0.7	1.20
		97.0	91.0	94.0	4.2	6.38
<u> </u>		81.0	85.0	83.0	2.8	4.85
		89.0	102.0	95.5	9.5	13.61
Naphthalene LCS LCSD		0.66	97.0	98.0	1.4	2.04
Naphthalene LCS LCSD		89.0	95.0	92.0	4.2	6.5
		() - B. t. T.				

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 !!!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Naphthalene	SOT	CCSD	91.0	76.0	83.5	10.6	17.96
Naphthalene	SJT	CSD	95.0	94.0	94.5	0.7	1.06
Naphthalene	rcs	CSD	98.0	93.0	95.5	3.5	5.24
Naphthalene	rcs	CSD	100.0	94.0	97.0	4.2	6.19
Nitrobenzene	rcs	CSD	91.0	96.0	93.5	3.5	5.35
Nitrobenzene	FCS	rcsp	0.06	78.0	84.0	8.5	14.29
Nitrobenzene	SOT	CSD	103.0	99.0	101.0	2.8	3.96
Nitrobenzene	SOT	CSD	106.0	108.0	107.0	1.4	1.87
Nitrobenzene	rcs	CSD	89.0	95.0	92.0	4.2	6.52
Nitrobenzene	rcs	CSD	91.0	96.0	93.5	. w	5.35
Nitrobenzene	CS	CSD	88.0	95.0	91.5	6. 4 6. 4	7.65
Nitrobenzene	rcs	CSD	97.0	92.0	94.5	. w	5 29
Nitrobenzene	rcs	CSD	93.0	92.0	92.5	2:0	1.23
Nitrobenzene	rcs	CSD	103.0	107.0	105.0	2.8	3.81
Nitrobenzene	rcs	CSD	97.0	94.0	95.5	2.1	3.14
Nitrobenzene	rcs	CSD	97.0	93.0	95.0	2.8	4.21
Nitrobenzene	rcs	CSD	82.0	83.0	82.5	0.7	1.21
Nitrobenzene	SOT	CSD	92.0	97.0	94.5	3.5	5.29
Nitrobenzene	rcs	CSD	93.0	100.0	96.5	4.9	7.25
Nitrobenzene	SOT	CSD	97.0	91.0	94.0	4.2	6.38
Nitrobenzene	SOT	CSD	78.0	80.0	79.0	1.4	2.53
Pentachlorophenol	SOT	CSD	0.69	63.0	66.0	4.2	9.09
Pentachlorophenol	SOT	rcsD	81.0	90.0	85.5	6.4	10.53
Pentachlorophenol	rcs	CSD	82.0	84.0	83.0	1.4	2.41
Pentachlorophenol	SOT	CSD	74.0	68.0	71.0	4.2	8.45
Pentachlorophenol	SOT	CSD	87.0	92.0	89.5	3.5	5.59
Pentachlorophenol	rcs	rcso	86.0	89.0	87.5	2.1	3,43
Pentachlorophenol	SOT	rcsD	64.0	65.0	64.5	0.7	1.55
Pentachlorophenol	CS	CSD	85.0	88.0	86.5	2.1	3.47
Pentachlorophenol	SOT	CSD	64.0	64.0	64.0	0.0	00.0
Pentachlorophenol	SOT	CSD	81.0	90.0	85.5	6.4	10.53
Pentachlorophenol	SOT	CSD	91.0	88.0	89.5	2.1	3.35
Pentachlorophenol	SJT	rcsp	65.0	64.0	64.5	0.7	1.55
Pentachlorophenol	rcs	CSD	0.99	0.99	66.0	0.0	0.00
rentach oropheno	SOT	rcsD	73.0	73.0	73.0	0.0	0.00
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 118

11.36 3.35 5.00 4.60 7.06 8.89 1.17 2.63 6.25 2.25 2.44 3.43 4.60 1.10 1.07 3.64 0.00 4.44 2.11 0.00 1.87 2.06 2.41 4.35 1.94 8.51 14.43 11.76 6.45 5.71 B9- 119 RPD (%) Deviation 3.5 0.0 0.0 8.8 2.8 3.5 0.7 0.7 2.8 1.4 2.1 2.8 1.4 2.8 4.9 3.5 46.0 42.5 84.5 88.0 89.5 80.0 87.0 85.5 76.0 96.0 89.0 82.0 87.5 87.0 87.5 90.5 93.5 82.5 94.0 90.0 95.0 48.0 42.5 45.0 53.5 48.5 48.5 46.5 48.5 45. Juplicate 78.0 89.0 86.0 75.0 93.0 90.0 86.0 89.0 90.0 90.0 94.0 84.0 94.0 92.0 94.0 48.0 41.0 43.0 53.0 49.0 42.0 47.0 49.0 52.0 48.0 52.0 40.0 Value 45.0 88.0 85.0 85.0 77.0 99.0 88.0 83.0 89.0 85.0 85.0 91.0 93.0 81.0 94.0 88.0 96.0 48.0 44.0 47.0 54.0 48.0 52.0 45.0 45.0 45.0 45.0 45.0 83. 82. () = Data Flag Value ND = Not Detected Sample ID **Duplicate** LCSD CSD CSD LCSD CSD CSD CSD LCSD CSD CSD LCSD CSD LCSD CSD CSD CCSD CSD Not Calculable 2 Sample 11 ပ္ \$37 \$37 \$37 SOT SOT CCS CCS S CS CS LCS CS S CS S Compiled: 10 May 1994 Pentachlorophenol Pentachlorophenol Pentachlorophenol Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Parameter Phenol Pheno1 Phenol Phenol Phenol Phenol Phenol Phenol Phenol Phenol Phenol Pheno! Phenol Pheno! Phenol

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# t t t t t t t t t t t t t t t t t t t	1 1 1 1		!	1 1 1 1 1 1	1
Phenol	SOT	CSD	42.0	36.0	39.0	4.2	15.38
Phenol	rcs	CSD	39.0	42.0	40.5	2.1	7.41
Pyrene	CS	CSD	0.66	100.0	99.5	0.7	1.01
Pyrene	SOT	CSD	101.0	103.0	102.0	1.4	1.96
Pyrene	SOT	CSD	88.0	85.0	86.5	2.1	3.47
Pyrene	SOT	CSD	91.0	0.06	90.5	0.7	1.10
Pyrene	CCS	CSD	92.0	95.0	93.5	2.1	3.21
Pyrene	SOT	CSD	89.0	80.0	84.5	6.4	10.65
Pyrene	CS	. CSD	0.06	92.0	91.0	1.4	2.20
Pyrene	CS	CSD	82.0	89.0	85.5	4.9	8.19
Pyrene	CS	CSD	82.0	89.0	85.5	4.9	8.19
Pyrene	CCS	FCSD	82.0	85.0	83.5	2.1	3.59
Pyrene	rcs	CSD	97.0	0.66	98.0	1.4	2.04
Pyrene	SOT	CSD	87.0	0.06	88.5	2.1	3.39
Pyrene	SOT	rcsD ·	103.0	102.0	102.5	0.7	0.98
Pyrene	SOT	OSOT	0.68	92.0	90.5	2.1	3.31
Pyrene	SJT	CSD	91.0	87.0	89.0	2.8	4.49
Pyrene	SOT	CSD	87.0	93.0	0.06	4.2	6.67
Pyrene	SOT	rcsD	0.96	95.0	95.5	0.7	1.05
bis(2-Chloroethoxy)methane	CCS	CSD	95.0	0.96	95.5	0.7	1.05
bis(2-Chloroethoxy)methane	rcs	CSD	85.0	0.06	87.5	3.5	5.71
bis(2-Chloroethoxy)methane	SJT	CSD	77.0	77.0	77.0	0.0	00.00
bis(2-Chloroethoxy)methane	SOT	CSD	93.0	100.0	96.5	4.9	7.25
bis(2-Chloroethoxy)methane	SJT	CSD	100.0	0.96	98.0	2.8	4.08
bis(2-Chloroethoxy)methane	SJT	CSD	85.0	90.0	87.5	3.5	5.71
bis(2-Chloroethoxy)methane	SOT	CSD	82.0	82.0	82.0	0.0	0.00
bis(2-Chloroethoxy)methane	CCS	CSD	82.0	89.0	85.5	4.9	8.19
bis(2-Chloroethoxy)methane	SOT	CSD	91.0	85.0	88.0	4.2	6.82
bis(2-Chloroethoxy)methane	SOT	CSD	101.0	105.0	103.0	2.8	3.88
bis(2-Chloroethoxy)methane	SJT	CCSD	85.0	0.68	87.0	2.8	4.60
bis(2-Chloroethoxy)methane	rcs	CCSD	0.76	94.0	95.5	2.1	3.14
bis(2-Chloroethoxy)methane	SJI	CSD	91.0	80.0	85.5	7.8	12.87
bis(2-Chloroethoxy)methane	rcs	CSD	0.66	97.0	98.0	1.4	2.04
bis(2-Chloroethoxy)methane	SOT	rcsp	86.0	89.0	87.5	2.1	3.43
bis(2-Chloroethoxy)methane	rcs	CSD	91.0	87.0	89.0	2.8	4.49
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 120

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1				1 1 1 1 1 1 1
bis(2-Chloroethoxy)methane	CCS	CCSD	102.0	108.0	105.0	4.2	5.71
bis(2-Chloroethyl)ether	SOT	rcsD	92.0	92.0	92.0	0.0	0.00
bis(2-Chloroethyl)ether	rcs	CSD	0.68	87.0	88.0	1.4	2.27
bis(2-Chloroethyl)ether	SOT	CCSD	82.0	87.0	84.5	3.5	5.95
bis(2-Chloroethyl)ether	SOT	CCSD	91.0	93.0	92.0	1.4	2.17
bis(2-Chloroethyl)ether	CCS	CSD	80.0	78.0	79.0	1.4	2.53
bis(2-Chloroethyl)ether	SOT	CSD	89.0	90.0	89.5	0.7	1.12
bis(2-Chloroethyl)ether	SOT	CSD	77.0	79.0	78.0	1.4	2.56
bis(2-Chloroethyl)ether	CCS	CSD	73.0	0.79	70.0	4.2	8.57
bis(2-Chloroethyl)ether	CCS	CSD	67.0	0.69	68.0	1.4	2.94
bis(2-Chloroethyl)ether	SOT	CSD	79.0	83.0	81.0	2.8	4.94
bis(2-Chloroethyl)ether	SJT	CCSD	84.0	94.0	89.0	7.1	11.24
bis(2-Chloroethyl)ether	CCS	CCSD	83.0	88.0	85.5	3.5	5.85
bis(2-Chloroethyl)ether	SOT	rcsp	95.0	88.0	90.0	2.8	4.44
bis(2-Chloroethyl)ether	SOT	CSD	80.0	79.0	79.5	0.7	1.26
bis(2-Chloroethyl)ether	CCS	CSD	94.0	91.0	92.5	2.1	3.24
bis(2-Chloroethyl)ether	SOT	CSD	82.0	87.0	84.5	3.5	5.92
bis(2-Chloroethyl)ether	SOT	CSD	88.0	86.0	87.0	1.4	2.30
bis(2-Chloroisopropyl)ether	CCS	CCSD	85.0	88.0	86.5	2.1	3.47
bis(2-Chloroisopropyl)ether	SOT	CSD	. 029	68.0	66.5	2.1	4.51
bis(2-Chloroisopropyl)ether	SOT	CSD	100.0	114.0	107.0	9.9	13.08
bis(2-Chloroisopropyl)ether	SOT	CCSD	104.0	101.0	102.5	2.1	2.93
bis(2-Chloroisopropyl)ether	SJT	CCSD	101.0	98.0	99.5	2.1	3.02
bis(2-Chloroisopropyl)ether	SJT	CSD	88.0	84.0	86.0	2.8	4.65
bis(2-Chloroisopropyl)ether	SJT	CSD	85.0	88.0	86.5	2.1	3.47
bis(2-Chloroisopropyl)ether	SJT	CSD	91.0	0.76	94.0	4.2	6.38
bis(2-Chloroisopropyl)ether	SJI	OSOT	100.0	98.0	0.66	1.4	2.02
bis(2-Chloroisopropyl)ether	. SOT	CSD	84.0	0.06	87.0	4.2	6.90
bis(2-Chloroisopropyl)ether	SOT	CSD	78.0	0.69	73.5	6.4	12.24
bis(2-Chloroisopropyl)ether	SJT	CSD	78.0	76.0	77.0	1.4	2.60
bis(2-Chloroisopropyl)ether	SOT	CSD	95.0	89.0	92.0	4.2	6.52
bis(2-Chloroisopropyl)ether	SOT	CSD	78.0	83.0	80.5	3.5	6.21
bis(2-Chloroisopropyl)ether	SOT	CCSD	88.0	0.06	89.0	1.4	2.25
bis(2-Chloroisopropyl)ether	SJT	TCSD	122.0	135.0	128.5	9.2	10.12
bis(2-Chloroisopropyl)ether	rcs	CSD	86.0	87.0	86.5	0.7	1.16
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag	Market and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the s			B9- 121

	7	Dunlicato		City 100+0	1	Lange of the state	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			) 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(2)
bis(2-Ethylhexyl)phthalate	SOT	CSD	98.0	101.0	99.5	2.1	3.02
bis(2-Ethylhexyl)phthalate	SOT	CSD	83.0	83.0	83.0	0.0	0.00
bis(2-Ethylhexyl)phthalate	rcs	CSD	93.0	95.0	94.0	1.4	2.13
bis(2-Ethylhexyl)phthalate	CCS	CSD	97.0	100.0	98.5	2.1	3.05
bis(2-Ethylhexyl)phthalate	SOT	CSD	93.0	95.0	94.0	1.4	2.13
bis(2-Ethylhexyl)phthalate	SOT	CSD	86.0	84.0	85.0	1.4	2.35
bis(2-Ethylhexyl)phthalate	SOT	CSD	88.0	92.0	90.0	2.8	4.44
bis(2-Ethylhexyl)phthalate	rcs	CSD	89.0	80.0	84.5	6.4	10.65
bis(2-Ethylhexyl)phthalate	rcs	CSD	103.0	98.0	100.5	3.5	4.98
bis(2-Ethylhexyl)phthalate	rcs	CSD	95.0	97.0	0.96	1.4	2.08
bis(2-Ethylhexyl)phthalate	rcs	CSD	92.0	97.0	94.5	3.5	5.29
bis(2-Ethylhexyl)phthalate	rcs	CSD	83.0	92.0	87.5	6.4	10.29
bis(2-Ethylhexyl)phthalate	rcs	CSD	86.0	0.06	88.0	2.8	4.55
bis(2-Ethylhexyl)phthalate	SOT	CSD	104.0	104.0	104.0	0.0	0.00
bis(2-Ethylhexyl)phthalate	SOT	CCSD	108.0	106.0	107.0	1.4	1.87
bis(2-Ethylhexyl)phthalate	SOT	CSD	100.0	104.0	102.0	2.8	3.92
bis(2-Ethylhexyl)phthalate	SOT	OSOT	0.66	100.0	99.5	0.7	1.01
Type = Matrix Spike Duplicate	te (ug/L)						
1,2,4-Trichlorobenzene	06-MW-07-01 MS	06-MW-07-01 MSD	91.0	0.06	90.5	0.7	1.10
1,2,4-Trichlorobenzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	84.0	84.0	84.0	0.0	0.00
1,2,4-Trichlorobenzene	08-SW-01-DS-01	08-SW-01-DS-01	86.0	87.0	86.5	0.7	1.16
1,2,4-Trichlorobenzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	84.0	84.0	84.0	0.0	00.00
1,4-Dichlorobenzene	06-MW-07-01 MS	06-MW-07-01 MSD	82.0	80.0	81.0	1.4	2.47
1,4-Dichlorobenzene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	73.0	74.0	73.5	0.7	1.36
1,4-Dichlorobenzene	08-SW-01-DS-01	08-SW-01-DS-01	80.0	82.0	81.0	1.4	2.47
1,4-Dichlorobenzene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	75.0	74.0	74.5	0.7	1.34
2,4-Dinitrotoluene	06-MW-07-01 MS	06-MW-07-01 MSD	80.0	77.0	78.5	2.1	3.82
2,4-Dinitrotoluene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	0.67	82.0	80.5	2.1	3.73
2,4-Dinitrotoluene	08-SW-01-DS-01	08-SW-01-DS-01	75.0	75.0	75.0	0.0	0.00
2,4-Dinitrotoluene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	84.0	81.0	82.5	2.1	3.64
2-Chlorophenol	06-MW-07-01 MS	06-MW-07-01 MSD	81.0	79.0	80.0	1.4	2.50
2-Chlorophenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	75.0	77.0	76.0	1.4	2.63
2-Chlorophenol	08-SW-01-DS-01	08-SW-01-DS-01	79.0	78.0	78.5	0.7	1.27
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				B9- 122
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	•	Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!		! ! !		1
2-Chlorophenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	80.0	78.0	79.0	1.4	2.53
4-Chloro-3-methylphenol	06-MW-07-01 MS	06-MW-07-01 MSD	82.0	84.0	83.0	1.4	2.41
4-Chloro-3-methylphenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	82.0	86.0	84.0	2.8	4.76
4-Chloro-3-methylphenol	08-SW-01-DS-01	08-SW-01-DS-01	82.0	0.08	81.0	1.4	2.47
4-Chloro-3-methylphenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	87.0	87.0	87.0	0.0	00.00
4-Nitrophenol	06-MW-07-01 MS	06-MW-07-01 MSD	33.0	29.0	31.0	2.8	12.90
4-Nitrophenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	59.0	59.0	59.0	0.0	0.00
4-Nitrophenol	08-SW-01-DS-01	08-SW-01-DS-01	29.0	30.0	29.5	0.7	3.39
4-Nitrophenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	52.0	50.0	51.0	1.4	3.92
Acenaphthene	06-MW-07-01 MS	06-MW-07-01 MSD	77.0	76.0	76.5	0.7	1.31
Acenaphthene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	79.0	81.0	80.0	1.4	2.50
Acenaphthene	08-SW-01-DS-01	08-SW-01-DS-01	82.0	86.0	84.0	2.8	4.76
Acenaphthene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	83.0	82.0	82.5	0.7	1.21
N-Nitroso-di-n-propylamine	06-MW-07-01 MS	06-MW-07-01 MSD	95.0	96.0	95.5	0.7	1.05
N-Nitroso-di-n-propylamine	07-MW-02-DS-03 M	07-MW-02-DS-03 M	72.0	74.0	73.0	1.4	2.74
N-Nitroso-di-n-propylamine	08-SW-01-DS-01	08-SW-01-DS-01	81.0	82.0	81.5	0.7	1.23
N-Nitroso-di-n-propylamine	12-MW-02-DS-03 M	12-MW-02-DS-03 M	74.0	75.0	74.5	0.7	1.34
Pentachlorophenol	06-MW-07-01 MS	06-MW-07-01 MSD	74.0	73.0	73.5	0.7	1.36
Pentachlorophenol	07-MW-02-DS-03 M	07-MW-02-DS-03 M	78.0	81.0	79.5	2.1	3.77
Pentachlorophenol	08-SW-01-DS-01	08-SW-01-DS-01	70.0	70.0	70.0	0.0	0.00
Pentachlorophenol	12-MW-02-DS-03 M	12-MW-02-DS-03 M	75.0	75.0	75.0	0.0	0.00
Pyrene	06-MW-07-01 MS	06-MW-07-01 MSD	77.0	76.0	76.5	0.7	1.31
Pyrene	07-MW-02-DS-03 M	07-MW-02-DS-03 M	80.0	81.0	80.5	0.7	1.24
Pyrene	08-SW-01-DS-01	08-SW-01-DS-01	92.0	93.0	92.5	0.7	1.08
Pyrene	12-MW-02-DS-03 M	12-MW-02-DS-03 M	87.0	87.0	87.0	0.0	00.00
Method = SW8310 - Polynuclear Aromatic Hydrocarbons	Aromatic Hydrocarbons						
Type = Analytical Dup (ug/L)	9/٢)						
Acenanhthene	04-MW-03-03	04-MW-03-03	(1) 09 0 >	(1)	S	Ŋ	Ç
Ronzo(a)nyrono	04-MW-03-03	04-MW-03-03	0.00	90.00	2 2	۽ ڇ	2 4
Dibenz(a,h)anthracene	04-MW-03-03	04-MW-03-03	_			<u> </u>	5 5
Indeno(1,2,3-cd)pyrene	04-MW-03-03	04-MW-03-03			S	S	S

Compiled: 10 May 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean	Standard	
1 1 1 1 1 1 1	3 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		! ! ! !		) 5 6	5	(%)
Type = Field Duplicate (ug/L)	9/۲)				1		
:							
Acenaphthene	12-MW-02-03	12-MW-02-DS-03	QN	NO	NC	NC	NC
Acenaphthylene	12-MW-02-03	12-MW-02-DS-03	ON	N ON	NC	NC	NC
Anthracene	12-MW-02-03	12-MW-02-DS-03	Q	ON	S	NC	NC
Benzo(a)anthracene	12-MW-02-03	12-MW-02-DS-03	ON .	Q.	S	NC	NC
Benzo(a)pyrene	12-MW-02-03	12-MW-02-DS-03	ON	0.0084 (JB)	SC	NC	NC
Benzo(b)fluoranthene	12-MW-02-03	12-MW-02-DS-03	ON		NC NC	S	) N
Benzo(g,h,i)perylene	12-MW-02-03	12-MW-02-DS-03	ON	ON	NC	S	NC S
Benzo(k)fluoranthene	12-MW-02-03	12-MW-02-DS-03	ON	ON	NC	2	NC N
Chrysene	12-MW-02-03	12-MW-02-DS-03	ON	QN	S	2	S S
Dibenz(a,h)anthracene	12-MW-02-03	12-MW-02-DS-03	ND	< 0.0085 (J)	NC	NC	NC NC
Fluoranthene	12-MW-02-03	12-MW-02-DS-03	SN SN	QN	NC	NC	, S
Fluorene	12-MW-02-03	12-MW-02-DS-03	< 0.084 (J)	ON	S	NC	N.
Indeno(1,2,3-cd)pyrene	12-MW-02-03	12-MW-02-DS-03	Q.	0.019 (B)	NC	NC	N
Naphthalene	12-MW-02-03	12-MW-02-DS-03	2		S	NC	NC N
Phenanthrene	12-MW-02-03	12-MW-02-DS-03	QN		S	Ş.	NC NC
Pyrene	12-MW-02-03	12-MW-02-DS-03	ON	QN	NC	NC	NC
Type = Laboratory Control Duplicate (ug/L)	<pre>Duplicate (ug/L)</pre>						
Acenaphthene	LCS931182 #LS KE	LCSD931182 #LS K	144.0	125.0	134.5	13.4	14 13
Acenaphthene	LCS 931403 #LS K	LCSD931403 #LS K	75.0	116.0	95.5	29.0	42.93
Acenaphthylene	LCS93970 #LS KE_	DOC 2 LCSD93970	111.0	104.0	107.5	6.4	6.51
Acenaphthylene	LCS931182 #LS KE	LCSD931182 #LS K	128.0	113.0	120.5	10.6	12.45
Acenaphthylene	LCS 931403 #LS K	LCSD931403 #LS K	63.0	94.0	78.5	21.9	39.49
Anthracene	LCS931182 #LS KE	#LS	122.0	110.0	116.0	8.5	10.34
Anthracene	LCS 931403 #LS K	#LS	89.0	89.0	89.0	0.0	0.00
Benzo(a)anthracene	LCS931182 #LS KE	#LS	121.0	111.0	116.0	7.1	8.62
Benzo(a)anthracene	LCS 931403 #LS K	#LS	108.0	114.0	111.0	4.2	5.41
Benzo(a)pyrene	LCS931182 #LS KE		126.0	115.0	120.5	7.8	9.13
Benzo(a)pyrene	LCS 931403 #LS K	#LS	107.0	97.0	102.0	7.1	9.80
Benzo(b)fluoranthene	LCS931182 #LS KE	#LS	124.0	114.0	119.0	7.1	8.40
Benzo(b)fluoranthene	LCS 931403 #LS K	#LS	126.0	125.0	125.5	0.7	0.80
Benzo(g,h,1)perylene	LCS931182 #LS KE	LCSD931182 #LS K	121.0	111.0	116.0	7.1	8.62
Compiled: 10 May 1994	NC = Not Calculable	ND = Not Detected	() = Data Flag				89- 124
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Parameter	Sample ID	Duplicate Sample ID	Value	Ouplicate Value	Mean Value	Standard Deviation	RPD (%)
Benzo(g,h,i)perylene	 LCS 931403 #LS K	 LCSD931403 #LS K	106.0	119.0	112.5	9.2	11.56
Benzo(k)fluoranthene	LCS931182 #LS KE	LCSD931182 #LS K	129.0	118.0	123.5	7.8	8.91
Benzo(k)fluoranthene	LCS 931403 #LS K	LCSD931403 #LS K	114.0	127.0	120.5	9.5	10.79
Chrysene	LCS931182 #LS KE	LCSD931182 #LS K	112.0	104.0	108.0	5.7	7.41
Chrysene	LCS 931403 #LS K	LCSD931403 #LS K	107.0	116.0	111.5	6.4	8.07
Dibenz(a,h)anthracene	LCS931182 #LS KE	LCSD931182 #LS K	128.0	116.0	122.0	8.5	9.84
Dibenz(a,h)anthracene	LCS 931403 #LS K	LCSD931403 #LS K	114.0	120.0	117.0	4.2	5.13
Fluoranthene	LCS931182 #LS KE	LCSD931182 #LS K	136.0	118.0	127.0	12.7	14.17
Fluoranthene	LCS 931403 #LS K	LCSD931403 #LS K	115.0	118.0	116.5	2.1	2.58
Fluorene	LCS93970 #LS KE_	DOC 2 LCSD93970	112.0	110.0	111.0	1.4	1.80
Fluorene	LCS931182 #LS KE	LCSD931182 #LS K	136.0	115.0	125.5	14.8	16.73
Fluorene	LCS 931403 #LS K	LCSD931403 #LS K	0.77	109.0	93.0	22.6	34.41
Indeno(1,2,3-cd)pyrene	LCS93970 #LS KE_	DOC 2 LCSD93970	115.0	109.0	112.0	4.2	5.36
Indeno(1,2,3-cd)pyrene	LCS931182 #LS KE	LCSD931182 #LS K	154.0	145.0	149.5	6.4	6.02
Indeno(1,2,3-cd)pyrene	LCS 931403 #LS K	LCSD931403 #LS K	112.0	138.0	125.0	18.4	20.80
Naphthalene	LCS93970 #LS KE_	DOC 2 LCSD93970	110.0	106.0	108.0	2.8	3.70
Naphthalene	LCS931182 #LS KE	LCSD931182 #LS K	142.0	115.0	128.5	19.1	21.01
Naphthalene	LCS 931403 #LS K	LCSD931403 #LS K	65.0	95.0	80.0	21.2	37.50
Phenanthrene	LCS931182 #LS KE	LCSD931182 #LS K	128.0	108.0	118.0	14.1	16.95
Phenanthrene	LCS 931403 #LS K	LCSD931403 #LS K	97.0	99.0	98.0	1.4	2.04
Pyrene	LCS931182 #LS KE	LCSD931182 #LS K	134.0	118.0	126.0	11.3	12.70
Pyrene	LCS 931403 #LS K	LCSD931403 #LS K	113.0	119.0	116.0	4.2	5.17

### ATTACHMENT B - APPENDIX B

Table B-10

Date and Batch Summary - 1993 Water Samples

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 01-MW-01-03 N								
Diesel Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
E120.1 - Specific Conductance	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
	G1-A-1-6/13/93	NONE			6/13/93			6/13/93
	WLTDS_306161600	NONE			6/13/93	6/16/93		6/16/93
1	G1-A-2-6/13/93	NONE			6/13/93			6/13/93
E180.1 - Turbidity	G1-A-3-6/13/93	NONE			6/13/93			6/13/93
e L	88964	METHOD	88964		6/13/93	6/22/93		6/22/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/13/93	6/21/93		6/23/93
	AAZ3_306300800	GFAA Digestion	GD1G930623160000		6/13/93	6/23/93		6/30/93
1	AAZ2_306251600	GFAA Digestion	GD1G930623160000		6/13/93	6/23/93		6/22/93
1	AAZ3_306242300	NONE			6/13/93	6/24/93		6/24/93
	AAZ4_306242300	NONE			6/13/93	6/24/93		6/24/93
1	AAZ4_307090859	GFAA Digestion	GDIG930623160000		6/13/93	6/23/93		7/9/93
1	GCQUE1306231533	METHOD			6/13/93			6/24/93
- 1	GCTEX1306230530	METHOD			6/13/93			6/24/93
- 1	CHGC3A306180800	NONE	NA		6/13/93	6/18/93		6/18/93
- 1	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
- 1	GCKAY1306190024	NONE			6/13/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/13/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930616155500		6/13/93	6/16/93		6/24/93
- 1	CHGC7B306231200	Set Funnel extraction	3510930616155500		6/13/93	6/18/93		6/24/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93		6/53/93
-	CHLCCF306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93	1 1 1	6/29/93
Sample ID : 01-MW-02-03 N								
A403 - Alkalinitv	G1-A-0-6/13/93	NONE	٠.		6/13/93			6/13/93
Diesel Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
E120.1 - Specific Conductance	61-A-0-6/13/93	NONE			6/13/93			6/13/93
	G1-A-1-6/13/93	NONE			6/13/93			6/13/93
	WLTDS_306161600	NONE			6/13/93	6/16/93		6/16/93
- 1	G1-A-2-6/13/93	NONE			6/13/93			6/13/93
E180.1 - Turbidity	G1-A-3-6/13/93	NONE			6/13/93			6/13/93
Compiled: 21 April 1994 N = Noi	= Normal Sample MS = Ma	Matrix Spike MSD = Matrix	MSD = Matrix Spike Duplicate	FD = Field Duplicate	ate			810-1

88964 EMJ461306222200 AAZ3_306300800 AAZ2_306251600 AAZ4_306242300 AAZ4_306242300 AAZ4_307081152 GCQUE1306231533 CHGC3A306180800 GCKAY1306190024 GCKAY2306190024	ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE LEACHED	DATE ANALYZED
ENJA61306222200         ICP Digestion         IDIG930621170000         6/13/93           AAZ3_306300800         GFAA Digestion         GDIG930623160000         6/13/93           AAZ2_306242300         GFAA Digestion         GDIG93062316000         6/13/93           AAZ4_306242300         NONE         6/13/93           Sed Volatile Organics         GCQUE1306231533         METHOD         NA           AAZ4_307081152         GFAA Digestion         GDIG93062316000         6/13/93           Senated Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         CHGC3B306180800         NONE         NA           Volatile Organics         CHGC3B306180800         NONE         NA           Volatile Organics         CHGC3B306180800         Set Funnel extraction         3510930616155500         6/13/93           Octive Pesticides and PCBs         CHGC7A30623020         Set Funnel extraction         3510930616155	Gasoline Range Organics	88964	METHOD	88964	? ! ! ! !	6/13/93	6/21/93	; ; ; ; ;	6/21/93
AAZ2_306300800         GFAA Digestion         GDIG930623160000         6/13/93           AAZ2_306251600         GFAA Digestion         GDIG930623160000         6/13/93           AAZ2_306242300         NONE         6/13/93           AAZ4_306242300         NONE         6/13/93           ed Volatile Organics         GCQUE1306231533         METHOD         AAZ4_3062316000           enated Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         GCKAY1306190024         NONE         NA           Volatile Organics         GCKAY2306190024         NONE         6/13/93           orine Pesticides and PCBs         CHGC7A306231200         Set Funnel extraction         3510930616155500         6/13/93           orine Pesticides and PCBs         CHGC7B306231200         Set Funnel extraction         3510930616155500         6/13/93           ar Aromatic Hydrocarbons         CHLCCE306291200         SW3520 - Liquid/liquid         3520930616155500         6/13/93	SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/13/93	6/21/93		6/23/93
AAZZ306251600         GFAA Digestion         GDIG930623160000         6/13/93           AAZ3306242300         NONE         6/13/93           red Volatile Organics         GCQUE1306231533         METHOD         NA           red Volatile Organics         GCQUE1306231533         METHOD         NA           red Volatile Organics         CHGC3A306180800         NONE         NA           Volatile Organics         CHGC3B306180800         NONE         NA           Volatile Organics         CHGC3A9306180800         NONE         NA           Volatile Organics         GCKAY1306190024         NONE         ANA           Volatile Organics         GCKAY2306190024         NONE         6/13/93           volatile Organics         GCKAY2306190024         NONE         6/13/93           volatile Pesticides and PCBs         CHGC7A306231200         Set Funnel extraction         3510930616155500         6/13/93           orine Pesticides and PCBs         CHGC7B306231200         Set Funnel extraction         3510930616155500         6/13/93           orine Pesticides and PCBs         CHGC7B306231200         Set Funnel extraction         3510930616155500         6/13/93	SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GD16930623160000		6/13/93	6/23/93		6/30/93
AAZ3_306242300         NONE         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93         6/13/93	SW7421 - Lead	AAZ2_306251600	GFAA Digestion	GD1G930623160000		6/13/93	6/23/93		6/25/93
AAZ4306242300         NONE         6/13/93           ed Volatile Organics         GCQUE1306231533         METHOD         AAZ4307081152         GFAA Digestion         GDIG93062316000         6/13/93           enated Volatile Organics         CHGC3A306180800         NONE         NA         6/13/93           Volatile Organics         CHGC3B306180800         NONE         NA         6/13/93           Volatile Organics         GCKAY1306190024         NONE         6/13/93           Volatile Organics         GCKAY2306190024         NONE         6/13/93           orine Pesticides and PCBs         CHGC7A306231200         Set Funnel extraction         3510930616155500         6/13/93           orine Pesticides and PCBs         CHGC7B306231200         Set Funnel extraction         3510930616155500         6/13/93           extraction         3520930616155500         6/13/93         6/13/93	SW7470 - Mercury	AAZ3_306242300	NONE			6/13/93	6/24/93		6/24/93
ed Volatile Organics         GFAA Digestion         GDIG93062316000         6/13/93           ed Volatile Organics         GCQUE1306231533         METHOD         NA         6/13/93           enated Volatile Organics         CHGC38306180800         NONE         NA         6/13/93           Volatile Organics         CHGC38306180800         NONE         NA         6/13/93           Volatile Organics         GCKAY1306190024         NONE         6/13/93           Volatile Organics         GCKAY2306190024         NONE         6/13/93           orine Pesticides and PCBs         CHGC78306231200         Set Funnel extraction         3510930616155500         6/13/93           orine Pesticides and PCBs         CHGC78306231200         Set Funnel extraction         3510930616155500         6/13/93           extraction orine Pesticides and PCBs         CHGCC8306291200         Set Funnel extraction         3510930616155500         6/13/93	SW7470 - Mercury	AAZ4_306242300	NONE			6/13/93	6/24/93		6/24/93
GCQUE1306231533         METHOD         NA         6/13/93           CHGC3A306180800         NONE         NA         6/13/93           CHGC3B306180800         NONE         AA           GCKAY1306190024         NONE         6/13/93           GCKAY2306190024         NONE         6/13/93           CHGC7A306231200         Set Funnel extraction         3510930616155500         6/13/93           CHGC7B306231200         Set Funnel extraction         3510930616155500         6/13/93           CHCCC8306291200         SW3520 - Liquid/liquid         3520930616154500         6/13/93	SW7740 - Selenium	AAZ4_307081152	GFAA Digestion	6016930623160000		6/13/93	6/23/93		7/8/93
CHGC3B306180800         NONE         NA         6/13/93           CHGC3B306180800         NONE         NA         6/13/93           GCKAY1306190024         NONE         6/13/93           GCKAY2306190024         NONE         6/13/93           GCKAY2306190024         NONE         6/13/93           CHGC7A306231200         Set Funnel extraction         3510930616155500         6/13/93           CHGC7B306231200         Set Funnel extraction         3510930616155500         6/13/93           CHCCC306291200         Sw3520 - Liquid/liquid         3520930616154500         6/13/93	SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/13/93			6/24/93
CHGC3B306180800         NONE         NA         6/13/93           GCKAY1306190024         NONE         6/13/93           GCKAY2306190024         NONE         6/13/93           CHGC7A306231200         Set Funnel extraction         3510930616155500         6/13/93           CHGC7B306231200         Set Funnel extraction         3510930616155500         6/13/93           CHLCCE306291200         SW3520 - Liquid/liquid         3520930616154500         6/13/93	SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/13/93	6/18/93		6/18/93
GCKAY1306190024 NONE GCKAY2306190024 NONE GCKAY2306190024 NONE CHGC7A306231200 Set Funnel extraction 3510930616155500 6/13/93 (6/13/93) CHGC7B306231200 Set Funnel extraction 3510930616155500 6/13/93 (6/13/93)	SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
GCKAY2306190024 NONE 6/13/93 CHGC7A306231200 Set Funnel extraction 3510930616155500 6/13/93 CHGC7B306231200 Set Funnel extraction 3510930616155500 6/13/93 CHLCCE306291200 SW3520 - Liquid/liquid 3520930616154500 6/13/93	SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
CHGC7A306231200 Set Funnel extraction 3510930616155500 6/13/93 CHGC7B306231200 Set Funnel extraction 3510930616155500 6/13/93 CHLCCE306291200 SW3520 - Liquid/liquid 3520930616154500 6/13/93	SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/13/93			6/19/93
s CHGC78306231200 Set Funnel extraction 3510930616155500 6/13/93 CHLCCE306291200 SW3520 - Liquid/liquid 3520930616154500 6/13/93	SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930616155500		6/13/93	6/16/93		6/24/93
CHLCCE306291200 SW3520 - Liquid/liquid 3520930616154500 6/13/93	SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930616155500		6/13/93	6/18/93		6/24/93
	SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93		6/29/93
CHLCCF306291200	SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCF306291200	SW3520 - Liquid/liquid	3520930616154500		6/13/93	6/16/93		6/29/93

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Sample 1

A403 - Alkalinity	G1-A-0-9/15/93	NONE		9/15/93		9/15/93
Diesel Range Organics	90018	METHOD	90018	9/15/93	9/22/93	9/23/93
E120.1 - Specific Conductance	G1-A-3-9/15/93	NONE		9/15/93		9/15/93
E150.1 - pH, Electrometric	61-A-2-9/15/93	NONE		9/15/93		9/15/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309200800	NONE		9/15/93	9/20/93	9/20/93
E160.2 - Residue, Non-Filterable	WLTSS_309200800	NONE		9/15/93	9/20/93	9/20/83
E170.1 - Temperature	61-4-1-9/15/93	NONE		9/15/93		9/15/93
E300 - Anions	WLICXC309251400	NONE		9/15/93		9/25/93
E300 - Anions	WLICXS309251300	NONE		9/15/93		9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE		9/15/93		10/11/93
Gasoline Range Organics	90018	METHOD	90018	9/15/93	9/24/93	9/24/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	1016930921081500	9/15/93	9/21/93	9/24/93
SW7060 - Arsenic	AAZ3_309290855	GFAA Digestion	GD1G930921080000	9/15/93	9/21/93	9/24/93
SW7421 - Lead	AAZ1309281100	GFAA Digestion	GD1G930921080000	9/15/93	9/21/93	9/28/83
SW7470 - Mercury	AAZ4_309232100	NONE		9/15/93	9/23/93	9/23/83
SW7740 - Selenium	AAZ3_310071045	GFAA Digestion	6016930921080000	9/15/93	9/21/93	10/7/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD		9/15/93		9/24/93
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ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE	DATE ANALYZED
SW8010 - Halogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics	GCQUE1309221453 CHGC3A309240800 CHGC3B309240800 GCQUE2309221453	METHOD NONE NONE NONE	NA NA		9/15/93 9/15/93 9/15/93 9/15/93	9/24/93		9/23/93 9/24/93 9/24/93 9/23/93
Sample ID : 01-MW-08-01 MS								
SW8010 - Halogenated Volatile Organics SW8020 - Aromatic Volatile Organics	GCPEA1309241313 GCPEA2309241313	METHOD NONE			9/15/93 9/15/93			9/24/93 9/24/93
Sample ID : 01-MW-08-01 MSD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		i   	: : : : : : : : :	t 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SW8010 - Halogenated Volatile Organics SW8020 - Aromatic Volatile Organics	GCPEA1309241313 GCPEA2309241313	METHOD NONE			9/15/93 9/15/93			9/24/93 9/24/93
Sample ID : 01-MW-08-01 N								
A403 - Alkalinity	G1-A-0-9/15/93	NONE			9/15/93			9/15/93
Diesel Range Organics	90018	METHOD	90018		9/15/93	9/22/93		9/23/93
E120.1 - Specific Conductance	G1-A-3-9/15/93	NONE			9/15/93			9/15/93
E150.1 - pH,Electrometric	G1-A-2-9/15/93	NONE			9/15/93			9/15/93
ı	WLTDS_309200800	NONE			9/15/93	9/20/93		9/20/93
E160.2 - Residue, Non-Filterable E170 1 - Temmenature	WLTSS_309200800 61-A-1-9/15/93	NONE			9/15/93	9/20/93		9/20/93 9/15/93
	WLICXC309251400	NONE			9/15/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/15/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/15/93			10/11/93
Gasoline Range Organics	90018	METHOD	90018		9/15/93	9/24/93		9/24/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	ID1G930921081500	0	9/15/93	9/21/93		9/24/93
SW7060 - Arsenic	AAZ3_309290855	<b>GFAA</b> Digestion	6016930921080000	0	9/15/93	9/21/93		9/29/93
SW7421 - Lead	AAZ1_309281100	GFAA Digestion	GD1G930921080000	0	9/15/93	9/21/93		9/28/93
SW7470 - Mercury	AAZ4_309232100	NONE			9/15/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3_310071045	<b>GFAA</b> Digestion	GD1G930921080000	0	9/15/93	9/21/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93			9/24/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE	DATE	DATE ANALYZED
SW8010 - Halogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics	GCQUE1309221453 CHGC3A309240800 CHGC3B309240800 GCPEA2309241313 GCQUE2309221453	METHOD NONE NONE NONE NONE	NA NA		9/15/93 9/15/93 9/15/93 9/15/93 9/15/93	9/24/93		9/23/93 9/24/93 9/24/93 9/24/93
Sample ID : 01-MW-08-01 ND E160.2 - Residue, Non-Filterable	WLTSS_309200800	NONE			9/15/93	9/20/93		9/20/93
Sample ID : 01-SB-03-EB-04 EB								
Diesel Range Organics Gasoline Range Organics SW8240 - Volatile Organics SW8310 - Polynuclear Aromatic Hydrocarbons SW8310 - Polynuclear Aromatic Hydrocarbons	89601 89601 VOA*93224 CHLCCE308261200 CHLCCF308261200	METHOD METHOD METHOD SW3520 - Liquid/liquid SW3520 - Liquid/liquid	89601 89601 d 3520930813155000 d 3520930813155000		8/9/93 8/9/93 8/9/93 8/9/93 8/9/93	8/13/93 8/17/93 8/13/93 8/13/93		8/14/93 8/17/93 8/16/93 8/26/93 8/26/93
Sample ID : 01-SB-03-EB-04 EBD SW8240 - Volatile Organics	93224	METHOD			8/9/93			8/16/93
Sample ID : 01-SB-03-EB-04 MSD SW8240 - Volatile Organics SW8240 - Volatile Organics	93224 VOA*93224	METHOD METHOD			8/6/88			8/16/93
Sample ID : 02-GW-01-03 N								
A403 - Alkalinity E120.1 - Specific Conductance E150.1 - pH,Electrometric	G1-A-0-6/15/93 G1-A-1-6/15/93 G1-A-2-6/15/93	NONE NONE NONE			6/15/93 6/15/93 6/15/93			6/15/93 6/15/93 6/15/93
Compiled: 21 N = N	= Normal Sample MS = M	= Matrix Spike MSD = N	Spike Duplicate	FD = Field Duplicate	cate			810-4

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
F160 1 - Residue, Filterable (TDS)	WLTDS 306181600	NONE	{	1 [ [ ] 1 1	6/15/93	6/18/93		6/18/93
	G1-A-3-6/15/93	NONE			6/12/93			6/15/93
	G1-A-4-6/15/93	NONE			6/15/93			6/15/93
	WLICXC306231300	NONE			6/15/93			6/23/93
F300 - Anions	WLICXS306231300	NONE			6/15/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/15/93			6/30/93
	1		C	 		E	 	
Sample ID : 02-GW-03-03 N								
A403 - Alkalinity	G1-A-0-6/15/93	NONE			6/12/93			6/15/93
F120 1 - Specific Conductance	G1-A-1-6/15/93	NONE			6/15/93			6/12/93
	WLTDS_306181600	NONE			6/15/93	6/18/93		6/18/93
	WLICXC306231300	NONE			6/12/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/15/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/15/93			6/30/93
	GCQUE1306241717	METHOD			6/15/93			6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/15/93	6/23/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/12/93	6/23/93		6/24/93
	GCKAY1306240932	NONE			6/12/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/12/93			6/24/93
1	MS4502306260811	METHOD			6/15/93			6/56/93
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		;		 	1 1 1 1 1 1 1 1 1 1 1			
Sample ID : 02-GW-03-DS-03 FD								
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/11/93			6/22/93
SW8015 - Nonhalogenated Volatile Ordanics	CHGC3A306230800	NONE	NA		6/11/93	6/23/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/11/93	6/23/93		6/24/93
	GCKAY1306240932	NONE			6/11/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/11/93			6/24/93
- 1	MS4502306260811	METHOD			6/11/93			6/27/93

**B10-5** 

9/14/93

9/1/93

8/29/93

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate

Set Funnel extraction 3510930901103500

CHGC7A309131200

SW8080 - Organochlorine Pesticides and PCBs

Compiled: 21 April 1994

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE ) PREPARED	DATE	DATE ANALYZED
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B309131200	Set Funnel extraction	3510930901103500	1 1 1 1 1 1	8/29/93	9/1/93	! ! !	9/14/93
Sample ID : 03-GW-02-03 N								
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200 CHGC1B306251200	Set Funnel extraction Set Funnel extraction	3510930622132601 3510930622132601		6/17/93 6/17/93	6/22/93		6/26/93 6/26/93
Sample ID : 03-GW-02-DS-03 FD								
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200 CHGC1B306251200	Set Funnel extraction Set Funnel extraction	3510930622132601 3510930622132601		6/17/93 6/17/93	6/22/93 6/22/93		6/26/93 6/26/93
Sample ID : 03-GW-03-03 N								
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200 CHGC1B306251200	Set Funnel extraction Set Funnel extraction	3510930622132601 3510930622132601		6/17/93 6/17/93	6/22/93		6/26/93 6/26/93
Sample ID : 03-GW-04-03 N			,					
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200 CHGC1B306251200	Set Funnel extraction Set Funnel extraction	3510930622132601 3510930622132601		6/17/93 6/17/93	6/22/93 6/22/93		6/26/93 6/26/93
Sample ID : 04-MW-01-EB-03 EB	·			·				
Diesel Range Organics	89008	METHOD	89008		6/17/93	6/28/93		6/28/93
dasorine kange organics SW6010 - Metals	EMJA61307012200	ICP Digestion	1016930624170000		6/17/93	6/24/93		7/1/93 7/1/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GDIG930624170000		6/11/93	6/24/93		7/2/93
1		GFAA Digestion	GD1G930718083000		6/17/93	7/18/93		7/19/93
SW/4/O - Mercury SW7740 - Selenium	AAZ4305302300 AAZ4307130852	NUNE GFAA Digestion	GD1G930624170000		6/1//93 6/17/93	6/30/93 6/24/93		//1/93 7/13/93
1	GCQUE1306291223	метнор			6/17/93			6/30/93
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ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE	DATE	DATE ANALYZED	1
SW8010 - Halogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics	GCTEX1306302248 CHGC3A306230800	METHOD	V.	; ; ; ; ;	6/17/93 6/17/93 6/17/93	6/23/93		7/1/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA	•	6/17/93	6/23/93		6/23/93	
ı t	GCKAY2306240932	NONE			6/17/93			6/24/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/11/93	6/22/93		6/26/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/11/93	6/22/93		6/26/93	
SW8270 - Semivolatile Organics	MSMSD2306230826	Set Funnel extraction	3510930622163000		6/11/93	6/22/93		6/23/93	
SW8310 - Polynuclear Aromatic Hydrocarbons SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200 CHLCCF306291200	SW3520 - Liquid/liquid SW3520 - Liquid/liquid	3520930623140500 3520930623140500		6/17/93 6/17/93	6/23/93 6/23/93		6/30/93 6/30/93	
Sample ID : 04-MW-01-EB-03 EBD	1	1		1 1 2 3 3 4 4 1 1 1	; ; ; ; ; ; ; ; ; ; ;			 	1
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCE306291200	SW3520 - Liquid/liquid	3520930623140500		6/11/93	6/23/93		6/30/93	
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCCF306291200	SW3520 - Liquid/liquid	3520930623140500		6/11/93	6/23/93		6/30/93	
Sample ID : 04-MW-02-03 N									
A403 - Alkalinity	G1-A-0-6/06/93	NONE			6/6/93			6/9/93	
Diesel Range Organics	88865	METHOD	88865		6/6/93	6/15/93		6/16/93	
E120.1 - Specific Conductance	G1-A-1-6/06/93	NONE			6/6/93			6/6/93	
E150.1 - pH,Electrometric	G1-A-2-6/06/93	NONE			6/9/9			6/6/93	
E170.1 - Temperature	G1-A-3-6/06/93	NONE			6/9/9			6/6/93	
E180.1 - Turbidity	G1-A-4-6/06/93	NONE			6/9/9			6/9/9	
Gasoline Range Organics	88865	METHOD	88865		6/6/93	6/12/93		6/15/93	
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000		6/9/9	6/11/93		6/23/93	
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GDIG930623160000		6/6/93	6/23/93		6/30/93	
SW7421 - Lead		GFAA Digestion	GD1G930623160000		6/6/93	6/23/93		6/25/93	
SW7470 - Mercury	AAZ4_306172100	NONE			6/9/9	6/11/93		6/18/93	
SW7740 - Selenium	AAZ4_307090859	GFAA Digestion	6016930623160000		6/9/9	6/23/93		7/9/93	
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/9/9			6/10/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/93	6/14/93		6/14/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/6/93	6/14/93		6/14/93	
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/9/93			6/10/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/9/9	6/10/93		6/15/93	
									l

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE ) PREPARED	DATE	DATE ANALYZED	
SW8080 - Organochlorine Pesticides and PCBs SW8270 - Semivolatile Organics SW8310 - Polynuclear Aromatic Hydrocarbons	CHGC6B306141200 MSMSD2306140820 CHLCC_306221200	Set Funnel extraction Set Funnel extraction SW3520 - Liquid/liquid	3510930610145900 3510930610100000 3520930610165000		6/9/9 6/9/9 6/9/93	6/10/93 6/10/93 6/10/93		6/15/93 6/14/93 6/23/93	:
Sample ID : 04-MW-03-03 N									
A403 - Alkalinity	G1-A-0-6/06/93	NONE			6/6/93			6/6/93	
	88865	METHOD	88865		6/9/9	6/12/93		6/16/93	
	G1-A-1-6/06/93	NONE		•	6/9/9			6/6/93	
ı	G1-A-2-6/06/93	NONE			6/9/9			6/6/93	
E170.1 - Temperature	G1-A-3-6/06/93	NONE			6/9/9			6/6/93	
Gasoline Range Organics	88865	METHOD	88865		6/9/9	6/15/93		6/15/93	
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000		6/6/93	6/11/93		6/23/93	
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GDIG930623160000		6/9/9	6/23/93		6/30/93	
SW7421 - Lead	AAZ2_306251600	GFAA Digestion	6016930623160000		6/9/9	6/23/93		6/25/93	
	AAZ4_306172100	NONE			6/9/9	6/11/93		6/11/93	
ı	AAZ4_307090859	GFAA Digestion	GDIG930623160000		6/9/9	6/23/93		7/9/93	
1	GCQUE1306091614	METHOD			6/9/9			6/10/93	
ı	CHGC3A306140800	NONE			6/9/9	6/14/93		6/14/93	
ı	CHGC3B306140800	NONE			6/9/9	6/14/93		6/14/93	
1	GCQUE2306091614	NONE			6/9/9			6/10/93	
	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/9/9	6/10/93		6/15/93	
1	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/6/93	6/10/93		6/15/93	
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/9/9	6/10/93		6/14/93	
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/9/9	6/10/93		6/22/93	
			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	; 1 1 1 1 1 1 1 1 1 1 1	2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		!
Sample ID : 04-MW-03-03 ND									
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		86/9/9	6/10/93		6/22/93	
Sample ID : 05-MW-01-03 N				; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;					!

Diesel Range Organics A403 - Alkalinity

MS = Matrix Spike N = Normal Sample

1994

Compiled: 21

Spike Duplicate

MSD = M

89008

NONE METHOD

G1-A-0-6/16/93 89008

FD = Field Duplicate

6/16/93 6/28/93

6/28/93

6/16/93 6/16/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE DATE COLLECTED PREPARED	DATE LEACHED	DATE ANALYZED
F120.1 - Specific Conductance	G1-A-1-6/16/93	NONE		1 1 1 1 1 1 1 1	6/16/93	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	6/16/93
E150.1 - pH.Electrometric	G1-A-2-6/16/93	NONE			6/16/93			6/16/93
E170.1 - Temperature	G1-A-3-6/16/93	NONE			6/16/93			6/16/93
E180.1 - Turbidity	G1-A-4-6/16/93	NONE			6/16/93			6/16/93
Gasoline Range Organics	80008	METHOD	80068		6/16/93	6/30/93		6/30/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	ID16930624170000		6/16/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GD1G930624170000	•	6/16/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2_307191600	GFAA Digestion	GD1G930718083000	-	6/16/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4_306302300	NONE			6/16/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4_307130852	GFAA Digestion	GDIG930624170000	•	6/16/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/16/93			6/53/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930621093000	6	6/16/93	6/21/93		6/56/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/56/93
SW8270 - Semivolatile Organics	MSMSD1306231041	Set Funnel extraction	3510930621140000	c	6/16/93	6/21/93		6/23/93

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A403 - Alkalinity	G1-A-0-6/16/93	NONE		6/16/93		6/16/93
Diesel Range Organics	89008	METHOD	89008	6/16/93	6/28/93	6/28/93
E120.1 - Specific Conductance	61-4-1-6/16/93	NONE		6/16/93		6/16/93
E150.1 - pH, Electrometric	61-4-2-6/16/93	NONE		6/16/93		6/16/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306231400	NONE		6/16/93	6/23/93	6/23/93
E170.1 - Temperature	61-4-3-6/16/93	NONE		6/16/93		6/16/93
E180.1 - Turbidity	61-4-6/16/93	NONE		6/16/93		6/16/93
E300 - Anions	WLICXC306231300	NONE		6/16/93		6/23/93
E300 - Anions	WLICXS306231300	NONE		6/16/93		6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE		6/16/93		6/30/93
Gasoline Range Organics	80008	METHOD	89008	6/16/93	6/30/93	6/30/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	IDIG930624170000	6/16/93	6/24/93	7/1/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GDIG930624170000	6/16/93	6/24/93	7/2/93
SW7421 - Lead	AAZ2_307191600	GFAA Digestion	GD1G930718083000	6/16/93	7/18/93	7/19/93

810-10			Field Duplicate	FD = Field D	Spike Duplicate	trix Spike MSD = N	= Normal Sample MS = Matrix	Compiled: $21$ 1994 N = Nor
7/2/93		6/24/93	6/11/93		GD1G930624170000	GFAA Digestion	AAZ3_307020800	SW7060 - Arsenic
7/1/93		6/24/93	6/11/93		IDIG930624170000	ICP Digestion	-	SW6010 - Metals
7/1/93		7/1/93	6/17/93		80068	METHOD	80068	Gasoline Range Organics
6/17/93			6/17/93			NONE	G1-A-4-6/17/93	E180.1 - Turbidity
6/17/93			6/17/93			NONE	G1-A-3-6/17/93	E170.1 - Temperature
6/17/93			6/11/93			NONE	G1-A-2-6/17/93	E150.1 - pH,Electrometric
6/17/93			6/17/93			NONE	G1-A-1-6/17/93	E120.1 - Specific Conductance
6/28/93		6/28/93	6/17/93		89008	METHOD	8008	Diesel Range Organics
6/17/93			6/11/93			NONE	G1-A-0-6/17/93	A403 - Alkalinity
								Sample ID : 05-MW-03-03 N
6/30/93		1 1 1 1 1 1 1	6/16/93		0 0 0 1 1 1 3 6 8 8 8 8	NONE	WLTRAC306301700	E353.1 - Nitrate-Nitrite
								Sample ID : 05-MW-02-DS-03 FDD
6/30/93			6/16/93			NONE	WLTRAC306301700	E353.1 - Nitrate-Nitrite
6/23/93			6/16/93			NONE	WLICXC306231300 WLICXS306231300	E300 - Anions E300 - Anions
6/23/93		6/23/93	6/16/93			NONE	WLTDS_306231400	E160.1 - Residue, Filterable (TDS)
				-				Sample ID : 05-MW-02-DS-03 FD
6/23/93		6/21/93	6/16/93		3510930621140000	Set Funnel extraction	MSMSD1306231041	SW8270 - Semivolatile Organics
6/26/93		6/21/93	6/16/93		3510930621093000	Funnel	CHGC1B306251200	SW8080 - Organochlorine Pesticides and PCBs
6/26/93		6/21/93	6/16/93		3510930621093000	Set Funnel extraction	CHGC1A306251200	SW8080 - Organochlorine Pesticides and PCBs
6/22/93			6/16/93			NONE	GCKAY2306221300	SW8020 - Aromatic Volatile Organics
6/22/93			6/16/93			NONE	GCKAY1306221300	SW8020 - Aromatic Volatile Organics
6/23/93		6/23/93	6/16/93		NA	NONE	CHGC3B306230800	SW8015 - Nonhalogenated Volatile Organics
6/23/93		6/23/93	6/16/93		NA	NONE	CHGC3A306230800	SW8015 - Nonhalogenated Volatile Organics
6/25/93			6/16/93			METHOD	GCTEX1306250629	SW8010 - Halogenated Volatile Organics
6/30/93		20 11 210	6/16/93			METHOD	GCQUE1306291223	
7/13/93		6/24/93	6/16/93		GD1G930624170000	GFAA Digestion	AAZ4_307130852	SW7740 - Selenium
7/1/93	i i i i i	6/30/93	6/16/93	h t t t t 1	1 1 1 1 1 1	NONE	AAZ4306302300	SW7470 - Mercury
ANALYZED	LEACHED	PREPARED	COLLECTED	BATCH 10	BATCH ID	PREPARATION METHOD	BATCH ID	ANALYTICAL METHOD
DATE	DATE	DATE	DATE	LEACHATE	PREPARATION		ANALYTICAL	

### DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT TABLE B-10

	ANALYTICAL		PREPARAT ION	LEACHATE	DATE	DATE	DATE	DATE
ANALYTICAL METHOD	ватсн 10	PREPARATION METHOD	ВАТСН ІО	BATCH ID	COLLECTED	PREPARED	LEACHED	ANALYZED
NAZA21	AA72 307191600	GFAA Digestion	GD16930718083000	! ! ! !	6/17/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4_306302300	NONE			6/17/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4_307130852	GFAA Digestion	GD16930624170000		6/11/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/11/93			6/30/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/11/93	6/23/93		6/53/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/11/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/11/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/11/93			6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/11/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/11/93	6/22/93		6/56/93
SW8270 - Semivolatile Organics	MSMSD2306230826	Set Funnel extraction	3510930622163000		6/11/93	6/22/93		6/23/93
Sample ID : 05-MW-03-DS-03 FD								
Diesel Range Organics	89008	METHOD	89008		6/11/93	6/28/93		6/28/93
Gasoline Range Organics	80068	METHOD	89008		6/11/93	7/1/93		7/1/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	1016930624170000		6/11/93	6/24/93		7/1/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	6016930624170000		6/11/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2_307191600	GFAA Digestion	GDIG930718083000		6/11/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4_306302300	NONE			6/11/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4_307130852	<b>GFAA</b> Digestion	GD16930624170000		6/11/93	6/24/93		7/13/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/11/93			6/30/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/11/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/11/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306240932	NONE			6/11/93			6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY2306240932	NONE			6/11/93			6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930622132601		6/11/93	6/22/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/11/93	6/22/93		6/56/93
SW8270 - Semivolatile Organics	MSMSD2306230826	Set Funnel extraction	3510930622163000		6/17/93	6/22/93		6/23/93
Sample ID : 05-MW-03-DS-03 FDy		·						

A403 - Alkalinity	G1-A-0-6/17/93	NONE	6/17/93	6/11/93
E120.1 - Specific Conductance	61-A-1-6/17/93	NONE	6/17/93	6/11/93
E150.1 - pH.Electrometric	G1-A-2-6/17/93	NONE	6/17/93	6/11/93

FD = Field Duplicate

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE DATE COLLECTED PREPARED LEACHED	1	DATE
E170.1 - Temperature E180.1 - Turbidity	G1-A-3-6/17/93 G1-A-4-6/17/93	NONE	! ! ! ! !		6/17/93		1	6/17/93 6/17/93
Sample ID : 05-MW-04-03 N								
A403 - Alkalinity	G1-A-0-6/16/93	NONE			6/16/93		9	6/16/93
	89008	METHOD	89008		6/16/93	6/28/93	9	6/28/93
	G1-A-1-6/16/93	NONE			6/16/93		9	6/16/93
ı	61-A-2-6/16/93	NONE			6/16/93		9	6/16/93
	61-4-3-6/16/93	NONE			6/16/93		9	6/16/93
E180.1 - Turbidity	G1-A-4-6/16/93	, NONE			6/16/93		9	6/16/93
Gasoline Range Organics	80008	METHOD	80068		6/16/93	7/1/93	7	7/1/93
	EMJA61307012200	ICP Digestion	1016930624170000		6/16/93	6/24/93	7	7/1/93
t	AAZ3_307020800	GFAA Digestion	6016930624170000		6/16/93	6/24/93	7	/2/93
1	AAZ2_307191600	GFAA Digestion	6016930718083000		6/16/93	7/18/93	7	7/19/93
1	AAZ4_306302300	NONE			6/16/93	6/30/93	7	7/1/93
1	AAZ4_307130852	GFAA Digestion	GD1G930624170000		6/16/93	6/24/93	7	7/13/93
1	GCTEX1306250629	METHOD			6/16/93		9	6/25/93
ı	CHGC3A306230800	NONE	NA		6/16/93	6/23/93	9	6/23/93
r	CHGC3B306230800	NONE	NA		6/16/93	6/23/93	9	6/23/93
ı	GCKAY1306221300	NONE			6/16/93		9	6/23/93
1	GCKAY1306240932	NONE			6/16/93		Ġ.	6/24/93
r	GCKAY2306221300	NONE			6/16/93		Ġ.	6/23/93
:	GCKAY2306240932	NONE			6/16/93		9	6/24/93
•	CHGC1A306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93	9	6/26/93
1	CHGC1B306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93	9	6/26/93
1	MSMSD1306231041	Set Funnel extraction	3510930621140000		6/16/93	6/21/93	9	6/23/93
SW8270 - Semivolatile Organics	MSMSD2306240908	Set Funnel extraction	3510930621140000		6/16/93	6/21/93	Ġ.	5/24/93
				• • • • • • • • • • • • • • • • • • •				

Sample ID : 05-MW-05-03 N

6/11/93	6/28/93	6/17/93	6/17/93
6/17/93	6/17/93 6/28/93	6/17/93	6/17/93
	89008		
NONE	METHOD	NONE	NONE
61-A-0-6/17/93	80068	G1-A-1-6/17/93	G1-A-2-6/17/93
A403 - Alkalinity	Diesel Range Organics	E120.1 - Specific Conductance	E150.1 - pH,Electrometric

MSD = M

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE	DATE	DATE ANALYZED
E170.1 - Temperature E180.1 - Turbidity Gasoline Range Organics	G1-A-3-6/17/93 G1-A-4-6/17/93 89008	NONE NONE METHOD	89008		6/17/93 6/17/93 6/17/93	7/1/93		6/17/93 6/17/93 7/1/93
	EMJA61307012200 AAZ3 307020800	ICP Digestion GFAA Digestion	ID16930624170000 GD16930624170000		6/17/93	6/24/93		7/1/93
ı ı	AAZ2_307191600 AAZ4_306302300	GFAA Digestion NONE	GD16930718083000		6/17/93	7/18/93		7/19/93
i 1	AAZ4_307130852 GC0UE1306291223	GFAA Digestion METHOD	GD16930624170000		6/17/93 6/17/93	6/24/93		7/13/93 6/30/93
1	GCTEX1306302248	METHOD	:		6/17/93			7/1/93
SW8015 - Nonhalogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800 CHGC3B306230800	NONE	A A		6/17/93 6/17/93	6/23/93 6/23/93		6/23/93 6/23/93
t	GCKAY1306240932	NONE			6/17/93			6/24/93
SW8UZU - Aromatic Volatile Organics SW8U8O - Organochlorine Pesticides and PCBs	GC1A306251200	NONE Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/24/33 6/26/93
SW8080 - Organochlorine Pesticides and PCBs cM9370 - Comivolatile Organics	CHGC1B306251200	Set Funnel extraction	3510930622132601		6/17/93	6/22/93		6/26/93
Sample ID : 05-MW-05-03 ND								
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GD1G930624170000		6/11/93	6/24/93		7/2/93
SW7421 - Lead SW7740 - Selenium	AAZ2_307191600 AAZ4_307130852	GFAA Digestion GFAA Digestion	GDIG930718083000 GDIG930624170000		6/17/93 6/17/93	7/18/93 6/24/93		7/19/93 7/13/93
Sample ID : 05-MW-06-03 MS		1						
SW6010 - Metals	EMJA61307012200	ICP Digestion	1016930624170000		6/16/93	6/24/93		7/1/93
Sample ID : 05-MW-06-03 MSD								
SW6010 - Metals	EMJA61307012200	ICP Digestion	1016930624170000		6/16/93	6/24/93		7/1/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE	DATE ANALYZED
Sample ID : 05-MW-06-03 N								
A403 - Alkalinity	G1-A-0-6/16/93	NONE			6/16/93			6/16/93
Diesel Range Organics	8008	METHOD	89008		6/16/93	6/28/93		6/28/93
E120.1 - Specific Conductance	G1-A-1-6/16/93	NONE			6/16/93			6/16/93
E150.1 - pH,Electrometric	G1-A-2-6/16/93	NONE			6/16/93			6/16/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306231400	NONE			6/16/93	6/23/93		6/23/93
E170.1 - Temperature	G1-A-3-6/16/93	NONE			6/16/93			6/16/93
E180.1 - Turbidity	G1-A-4-6/16/93	NONE			6/16/93			6/16/93
E300 - Anions	WLICXC306231300	NONE			6/16/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/16/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/16/93			6/30/93
Gasoline Range Organics	80068	METHOD	80068		6/16/93	6/30/93		6/30/93
SW6010 - Metals	EMJA61307012200	ICP Digestion	ID1G930624170000		6/16/93	6/24/93		7/1/93
SW7060 - Arsenic		GFAA Digestion	GD1G930624170000		6/16/93	6/24/93		7/2/93
SW7421 - Lead	AAZ2_307191600	GFAA Digestion	GD16930718083000		6/16/93	7/18/93		7/19/93
SW7470 - Mercury	AAZ4_306302300	NONE			6/16/93	6/30/93		7/1/93
SW7740 - Selenium	AAZ4_307130852	GFAA Digestion	GD1G930624170000	-	6/16/93	6/24/93		7/13/93
•	GCQUE1306291223	METHOD			6/16/93			6/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/16/93			6/25/93
1	CHGC3A306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/16/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE			6/16/93			6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B306251200	Set Funnel extraction	3510930621093000		6/16/93	6/21/93		6/26/93
SW8270 - Semivolatile Organics	MSMSD1306231041	Set Funnel extraction	3510930621140000		6/16/93	6/21/93		6/23/93
Sample ID : 05-MW-06-03 ND				1 1 1 1 1 1 1 1 1 1 1 1 1	 	                         		

MS = Matrix Spike MSD = M N = Normal Sample

7/1/93

6/24/93

6/16/93

IDIG930624170000

ICP Digestion

EMJA61307012200

SW6010 - Metals

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE PREPARED	DATE	DATE ANALYZED
Sample ID : 05-MW-13-01 N	1 1 1 1 1 1		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 2 1 1 1	8 9 1 8 2 1 1 8	1 1 1 1 1 1	1 1 1 1 1 1 5	! ! ! ! !
A403 - Alkalinity	G1-A-0-9/13/93	NONE			9/13/93			9/13/93
Diesel Range Organics	89999	METHOD	66668			9/22/93		9/22/93
E120.1 - Specific Conductance	G1-A-3-9/13/93	NONE			9/13/93			9/13/93
E150.1 - pH, Electrometric	G1-A-2-9/13/93	NONE			9/13/93			9/13/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/13/93	9/17/93		9/17/93
E160.2 - Residue, Non-Filterable	WLTSS_309170300	NONE			9/13/93	9/17/93		9/17/93
E170.1 - Temperature	G1-A-1-9/13/93	NONE			9/13/93			9/13/93
E300 - Anions	WLICXC309251400	NONE			9/13/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/13/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/13/93			10/11/93
Gasoline Range Organics	89999	METHOD	89999		9/13/93	9/21/93		9/21/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	1016930917080000		9/13/93	9/17/93		9/24/93
SW7060 - Arsenic	AAZ3_309210922	GFAA Digestion	GD1G930917080000		9/13/93	9/17/93		9/22/93
SW7421 - Lead	AAZ1_309211500	GFAA Digestion	GD1G930917080000		9/13/93	9/17/93		9/21/93
SW7470 - Mercury	AAZ4_309232100	NONE			9/13/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3_310071045	<b>GFAA</b> Digestion	6016930917080000		9/13/93	9/17/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCJAY1309201444	METHOD			9/13/93			9/21/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA			9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/13/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309201444	NONE			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCPEA2309211943	NONE			9/13/93			9/22/93
SW8270 - Semivolatile Organics	MSMSD1309201450	Set Funnel extraction	3510930916132500		9/13/93	9/16/93		9/20/93
Sample ID : 05-MW-14-01 MS								
E353.1 - Nitrate-Nitrite	WLTRAC310121900	NONE			9/16/93			10/12/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/23/93
,				1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

ID : 05-MW-14-01 MSD - Nitrate-Nitrite	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		BATCH ID	BATCH ID	COLLECTED FREFARED	ו אבו טוידה	LEACHED	ANALYZED 
- Nitrate-Nitrite					·			
11-1-1-11-11-11-11-11-11-11-11-11-11-11	WLTRAC310121900	NONE			9/16/93			10/12/93
- Halogenated Volatile Urganics	GCTEX1309231506	METHOD			9/16/93			9/23/93
- Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
- Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics GCTE	GCTEX2309231506	NONE			9/16/93			9/23/93
								1 1 1 1 1 1
Sample ID : 05-MW-14-01 N								
A403 - Alkalinity G1-A	G1-A-0-9/16/93	NONE			9/16/93			9/16/93
	051	METHOD	90051		9/16/93	9/22/93		9/23/93
- Specific Conductance	G1-A-3-9/16/93	NONE			9/16/93			9/16/93
- pH,Electrometric	G1-A-2-9/16/93	NONE			9/16/93			9/16/93
- Residue, Filterable (TDS)	WLTDS_309231200	NONE			9/16/93	9/23/93		9/23/93
- Residue, Non-Filterable	WLTSS_309231200	NONE			9/16/93	9/23/93		9/23/93
erature	G1-A-1-9/16/93	NONE			9/16/93			9/16/93
	WLICXC309251400	NONE			9/16/93			9/25/93
	WLICXS309251300	NONE			9/16/93			9/25/93
ω.	WLTRAC310121900	NONE			9/16/93			10/12/93
Organics	051	METHOD	90051		9/16/93	9/25/93		9/25/93
- Metals	EMJA61310051000	ICP Digestion	IDIG930922081500		9/16/93	9/22/93		10/5/93
- Arsenic	AAZ4310041600	GFAA Digestion	GD1G930922080000			9/22/93		10/4/93
- Lead	Z1_310040900	GFAA - Digestion	6016931001080000		9/16/93	10/1/93		10/4/93
- Mercury	AAZ4_309232100	NONE			9/16/93	9/23/93		9/23/93
- Selenium	AAZ3_310071600	GFAA Digestion	GD1G930922080000		9/16/93	9/22/93		10/7/93
- Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/23/93
- Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/24/93
ganics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/24/93
- Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/23/93
SW8270 - Semivolatile Organics MSMS	MSMSD2309240819	Set Funnel extraction	3510930923101000	•	9/16/93	9/23/93		9/24/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE PREPARED	DATE	DATE ANALYZED
Sample ID : 05-MW-14-01 ND								
E353.1 - Nitrate-Nitrite SW6010 - Metals	WLTRAC310121900 EMJA61310051000	NONE ICP Digestion	1016930922081500		9/16/93 9/16/93	9/22/93		10/12/93 10/5/93
Sample ID : 05-MW-14-DS-01 FD					; ; ; ; ; ; ; ;		; 1 1 1 1 1 1 1 1	
Diesel Range Organics	90051	METHOD	90051		9/16/93	9/22/93		9/23/93
E160.1 - Residue, Filterable (TDS)	WLTDS_309231200	NONE			9/16/93	9/23/93		9/23/93
E160.2 - Residue, Non-Filterable	WLTSS_309231200	NONE			9/16/93	9/23/93		9/23/93
E300 - Anions	WLICXC309251400	NONE			9/16/93			9/25/93
E300 - Anions	WLICXS309251300	NONE			9/16/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310121900	NONE			9/16/93			10/12/93
Gasoline Range Organics	90051	METHOD	90051		9/16/93	9/25/93		9/25/93
SW6010 - Metals	EMJA61310051000	ICP Digestion	1016930922081500		9/16/93	9/22/93		10/5/93
SW7060 - Arsenic	AAZ4_310041600	GFAA Digestion	GD1G930922080000		9/16/93	9/22/93		10/4/93
SW7421 - Lead	AAZ1310040900	GFAA - Digestion	GD1G931001080000		9/16/93	10/1/93		10/4/93
SW7470 - Mercury	AAZ4_309232100	NONE			9/16/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3_310071600	GFAA Digestion	GD1G930922080000		9/16/93	9/22/93		10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93			9/24/93
SW8270 - Semivolatile Organics	MSMSD2309240819	Set Funnel extraction	3510930923101000		9/16/93	9/23/93		9/24/93
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,	; ; ; ; ; ; ; ; ; ; ; ;	·	! ! ! ! !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! ! !	
Sample ID : 05-MW-14-DS-01 FDD								
E160.1 - Residue, Filterable (TDS)	WLTDS_309231200	NONE			9/16/93	9/23/93		9/23/93
E160.2 - Residue, Non-Filterable	WLTSS_309231200	NONE			9/16/93	9/23/93		9/23/93
SW7470 - Mercury	AAZ4_309232100	NONE			9/16/93	9/23/93		9/23/93
		, 1   1   1   6   8   8   1   1   1   1   1   1   1   1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

D : 05-NW-14-05-01 FDy   Gi1-A-0-9/16/93   NONE   9/16/93   S/16/93   S/16	ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE DATE CEACHED	DATE ANALYZED	1
Alkalinity   Gi-A-0-9/16/93   NONE   9/16/93   9/16/93									
- Specific Conductance 61-A-3-9/16/33 NONE 61-A-3-9/16/93 NONE 61-A-3-9/16/93 NONE 61-A-3-9/16/93 NONE 61-A-1-9/16/93 NONE NONE NONE 61-A-1-9/16/93 NONE NONE NONE NONE 61-A-1-9/16/93 NONE NONE NONE NONE NONE 61-A-1-9/16/93 NONE NONE NONE NONE 61-A-1-9/16/93 NONE NONE NONE NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81/16/93 NONE 81	- A	61-A-0-9/16/93	NONE			9/16/93		9/16/93	
Pit   Electrometric   Gl-A-2-9/16/93   NONE   Pit	1	61-A-3-9/16/93	NONE			9/16/93		9/16/93	
10 : 05-MW-15-01 N	1	G1-A-2-9/16/93	NONE			9/16/93		9/16/93	
D   105-NW-15-01 N   Alkalinity   Alkalini		G1-A-1-9/16/93	NONE			9/16/93		9/16/93	
Alkalinity  Range Organics  Pascidue, Mon-Filterable (TDS)  WITDS_309208000  WITDS_309208000  WITDS_309208000  WITDS_309208000  WITDS_309208000  WINE Residue, Mon-Filterable (TDS)  WITDS_3092081300  WITDS_3092081300  WITDS_30920805  W					3	; 	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !		į.
Alkalinity         Gi-A-0-9/15/93         NONE         90018         9/15/93           Range Organics         90018         METHOD         90018         9/15/93           - Specific Conductance         Gi-A-2-9/15/93         NONE         9/15/93           - PH.Electrometric         Gi-A-2-9/15/93         NONE         9/15/93           - PH.Electrometric         WLISS_309208000         NONE         9/15/93           - Residue, Filterable (TDS)         WLISS_309208000         NONE         9/15/93           - Residue, Filterable (TDS)         WLISS_30920800         NONE         9/15/93           - Residue, Filterable (TDS)         WLISS_30920800         NONE         9/15/93           - Residue, Mon-Filterable (TDS)         WLISS_30920800         NONE         9/15/93           - Anions         WLICX_309251300         NONE         9/15/93           - Nitrate-Nitrite         WLICX_309251300         NONE         9/15/93           - Nitrate-Nitrite         WLICX_309251300         NONE         9/15/93           - Marcals         WLICX_309250100         ICP Digestion         GDIG930921081500         9/15/93           - Marcal         AAZ2_30920855         GFAA Digestion         GDIG930921080000         9/15/93           - Lead									
Range Organics         90018         METHOD         90018         9/15/93           - Specific Conductance         61-A-3-9/15/93         NONE         9/15/93           - PH.Clectrometric         61-A-2-9/15/93         NONE         9/15/93           - Residue, Filterable (TDS)         WLTDS_309200800         NONE         9/15/93           - Residue, Non-Filterable (TDS)         WLTS_309200800         NONE         9/15/93           - Temperature         None         8/15/33         9/15/93           Anions         WLCXS_309251300         NONE         9/15/93           - Mitrate-Nitrite         WLTRAZ310111600         NONE         9/15/93           - Nitrate-Nitrite         WLTRAZ310111600         NONE         9/15/93           - Metals         WLTRAZ310111600         NONE         9/15/93           - Metals         WAJA         AA23_30920855         GFAA Digestion         6D1693092108105         9/15/93           - Metals         AA24_309220100         GFAA Digestion         GD1693092108000         9/15/93           - Metals         AA24_309220100         GFAA Digestion         GD1693092108000         9/15/93           - Lead         AA21_309221030         NONE         AA21_309221030         NONE         9/15/93	A403 - Alkalinity	G1-A-0-9/15/93	NONE			9/15/93		9/15/93	
- Specific Conductance 61-4-3-9/15/93 NONE 61-4-2-9/15/93 NONE 61-4-1-9/15/93 NONE NONE NONE NONE NONE 61-4-1-9/15/93 NONE NONE NONE NONE NONE NONE NONE NON		90018	METHOD	90018			22/93	9/23/93	
- pH, Electrometric         G1-A-2-9/15/93         NONE         9/15/93           - Residue, Filterable (TDS)         WLTDS_309200800         NONE         9/15/93           - Residue, Filterable (TDS)         WLTSS_309200800         NONE         9/15/93           - Residue, Non-Filterable         G1-A-1-9/15/93         NONE         9/15/93           - Temperature         G1-A-1-9/15/93         NONE         9/15/93           Anions         WLICX.309251300         NONE         9/15/93           Anions         WLICX.309251300         NONE         9/15/93           - Rivate-Nitrite         WLIRX.30924100         NONE         9/15/93           - Radios         BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BRABIS BR		61-A-3-9/15/93	NONE					9/15/93	
Residue, Filterable (TDS)         WLTDS_309200800         NONE         9/15/93           - Residue, Non-Filterable         WLTSS_309200800         NONE         9/15/93           - Temperature         G1-A-1-9/15/93         NONE         9/15/93           Anions         WLICXS309251400         NONE         9/15/93           Anions         WLICXS309251400         NONE         9/15/93           - Nitrate-Nitrite         WLICXS309251400         NONE         9/15/93           - Nitrate-Nitrite         WLICXS309251011600         NONE         9/15/93           - Nitrate-Nitrite         WLICXS309251011600         NONE         9/15/93           - Mitals         EMJA61309240100         ICP Digestion         IDIG930921081500         9/15/93           - Metals         EMJA61309240100         ICP Digestion         GDIG930921081000         9/15/93           - Arsenic         Arsenic         AA2_3092810         GFAA Digestion         GDIG930921080000         9/15/93           - Hercury         AA2_3092210         NONE         AA2_309221080000         9/15/93           - Halogenated Volatile Organics         CHGC3A309240800         NONE         NA           - Nonhalogenated Volatile Organics         CHGC3B309240800         NONE         NA      <	ι	G1-A-2-9/15/93	NONE			9/15/93		9/15/93	
- Residue, Non-Filterable         WLTSS_309200800         NONE         9/15/93           - Temperature         61-A-1-9/15/93         NONE         9/15/93           Anions         WLICXS309251300         NONE         9/15/93           Anions         WLICXS309251300         NONE         9/15/93           - Nitrate-Nitrite         WLTRAC310111600         NONE         9/15/93           - Metals         EMJA61309240100         ICP Digestion         IDIG930921081500         9/15/93           - Metals         AAZ3_309290855         GFAA Digestion         GDIG93092108000         9/15/93           - Arsenic         AAZ4_3092281100         GFAA Digestion         GDIG93092108000         9/15/93           - Mercury         AAZ4_309222100         NONE         AAZ4_3092302108000         9/15/93           - Morbalogenated Volatile Organics         CHGC3A309240800         NONE         NA           - Nonhalogenated Volatile Organics         CHGC3A309240800         NONE         AA           - Nonhalogena	1	WLTDS_309200800	NONE				20/93	9/20/93	
Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions Anions An	- Residue,	WLTSS_309200800	NONE				20/93	9/20/93	
Anions Anions AultCXC309251400 NONE  Anions ULTCXS309251300 NONE  - Nitrate-Nitrite  ULTRAC310111600 NONE  - Range Organics  - Metals  - Matals  -	_	G1-A-1-9/15/93	NONE			9/15/93		9/15/93	
Anions         WLICXS309251300         NONE         9/15/93           - Nitrate-Nitrite         WLTRAC310111600         NONE         9/15/93           - Nitrate-Nitrite         WLTRAC310111600         NONE         9/15/93           - Range Organics         90018         METHOD         90018         9/15/93           - Metals         EMJA61309240100         ICP Digestion         1DIG930921081500         9/15/93           - Metals         EMJA61309240100         ICP Digestion         1DIG930921080000         9/15/93           - Arsenic         AAZ3_309290855         GFAA Digestion         GDIG93092108000         9/15/93           - Lead         AAZ4_309281100         GFAA Digestion         GDIG93092108000         9/15/93           - Mercury         AAZ3_310071045         GFAA Digestion         GDIG93092108000         9/15/93           - Selenium         AAZ3_310071045         GFAA Digestion         GDIG93092108000         9/15/93           - Halogenated Volatile Organics         CHGC3A309240800         NONE         NA           - Nonhalogenated Volatile Organics         CHGC3A309240800         NONE         NA           - Aromatic Volatile Organics         GCJAY2309231030         NONE         NA	E300 - Anions	WLICXC309251400	NONE			9/15/93		9/25/93	
- Nitrate-Nitrite - Nitrate-Nitrite - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Nonhalogenated Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Orga	E300 - Anions	WLICXS309251300	NONE			9/15/93		9/25/93	
ne Range Organics         90018         METHOD         90018         9/15/93           - Metals         - Metals         EMJA61309240100         ICP Digestion         IDIG930921081500         9/15/93           - Metals         - Metals         EMJA61309240100         ICP Digestion         IDIG930921081500         9/15/93           - Arsenic         AAZ2_309290855         GFAA Digestion         GDIG93092108000         9/15/93           - Lead         AAZ1_309281100         GFAA Digestion         GDIG93092108000         9/15/93           - Mercury         AAZ4_30922108         NONE         GDIG93092108000         9/15/93           - Selenium         GCJAY1309231030         METHOD         NA         9/15/93           - Halogenated Volatile Organics         CHGC3A309240800         NONE         NA           - Nonhalogenated Volatile Organics         CHGC3B309240800         NONE         NA           - Aromatic Volatile Organics         GCJAY2309231030         NONE         NA           - Aromatic Volatile Organics         GCJAY2309231030         NONE         NA	E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE			9/15/93		10/11/93	
- Metals         EMJA61309240100         ICP Digestion         IDIG930921081500         9/15/93           - Metals         EMJA61309301400         ICP Digestion         IDIG930921081500         9/15/93           - Arsenic         AAZ3_309290855         GFAA Digestion         GDIG930921080000         9/15/93           - Lead         AAZ1_309281100         GFAA Digestion         GDIG930921080000         9/15/93           - Mercury         AAZ4_309232100         NONE         9/15/93           - Halogenated Volatile Organics         GCJAY1309231030         METHOD         NA           - Nonhalogenated Volatile Organics         CHGC3A309240800         NONE         NA           - Aromatic Volatile Organics         GCJAY2309231030         NONE         NA           - Aromatic Volatile Organics         GCJAY2309231030         NONE         NA	Gasoline Range Organics	90018	METHOD	90018			24/93	9/24/93	
- Metals - Arsenic - Arsenic - Arsenic - Lead - Lead - Meruny - Maza309290855 GFAA Digestion - Lead - Maza309280855 GFAA Digestion - Lead - Mercuny - Maza30922100 - Lead - Mercuny - Selenium - Maza310071045 GFAA Digestion - Halogenated Volatile Organics - Nonhalogenated Volatile Organics - Monhalogenated Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - A	SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930921081500			21/93	9/24/93	
- Arsenic		EMJA61309301400	ICP Digestion	1016930921081500			21/93	9/30/93	•
- Lead - Lead - Maz1_309281100 GFAA Digestion GDIG930921080000 9/15/93 - Mercury - Selenium - Halogenated Volatile Organics GCJAY1309231030 NONE NA - Nonhalogenated Volatile Organics CHGC3A309240800 NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NONE NA - Aromatic Volatile Organics GCJAY2309231030 NONE NONE NONE NA - Aromatic Volatile Organic NONE NONE NONE NONE NONE NONE NA - Aromatic Volatile Organic NONE NONE NONE NONE NONE NONE NONE NON		AAZ3_309290855	GFAA Digestion	GD16930921080000			21/93	9/29/93	
- Mercury - Selenium - Selenium - Selenium - Selenium - Halogenated Volatile Organics - Nonhalogenated Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic Volatile Organics - Aromatic	1	AAZ1_309281100	GFAA Digestion	GDIG930921080000			21/93	9/28/93	
- Selenium - Selenium - Halogenated Volatile Organics GCJAY1309221030 NONE - Halogenated Volatile Organics CHGC3A309240800 NONE - Nonhalogenated Volatile Organics CHGC3B309240800 NONE - Aromatic Volatile Organics GCJAY2309231030 NONE	ı	AAZ4_309232100	NOWE			-	23/93	9/23/93	
- Halogenated Volatile Organics GCJAY1309231030 METHOD NA 9/15/93  - Nonhalogenated Volatile Organics CHGC3A309240800 NONE NA 9/15/93  - Nonhalogenated Volatile Organics CHGC3B309240800 NONE NA 9/15/93  - Aromatic Volatile Organics GCJAY2309231030 NONE NONE	1	AAZ3_310071045	GFAA Digestion	GDIG930921080000			21/93	10/7/93	
- Nonhalogenated Volatile Organics	ı	GCJAY1309231030	METHOD			9/15/93		9/23/93	
- Nonhalogenated Volatile Organics CHGC3B309240800 NONE NA 9/15/93 - Aromatic Volatile Organics GCJAY2309231030 NONE 8/15/93	1	CHGC3A309240800	NONE	NA			24/93	9/24/93	
- Aromatic Volatile Organics GCJAY2309231030 NONE	1	CHGC3B309240800	NONE	NA			24/93	9/24/93	
	1	GCJAY2309231030	NONE			9/15/93		9/23/93	
- Semivolatile Organics MSMSD1309230953 Set Funnel extraction 3510930920110000	SW8270 - Semivolatile Organics	MSMSD1309230953	Set Funnel extraction	3510930920110000		9/15/93 9/	20/93	9/23/93	

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ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE DATE COLLECTED PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 05-MW-15-01 ND								
SW6010 - Metals	EMJA61309240100	ICP Digestion	1016930921081500		9/15/93	9/21/93		9/24/93
SW6010 - Metals	EMJA61309301400	ICP Digestion	ID16930921081500		9/15/93	9/21/93		9/30/93
SW7060 - Arsenic	AAZ3_309290855	GFAA Digestion	GD1G930921080000		9/15/93	9/21/93		9/29/93
SW77421 - Lead SW7740 - Selenium	AAZ1309281100 AAZ3310071045	GFAA Digestion GFAA Digestion	GD1G930921080000 GD1G930921080000		9/15/93 9/15/93	9/21/93 9/21/93		9/28/93 10/7/93
Sample ID : 05-SB-05-EB-04 EB								
Gasoline Range Organics	89642	METHOD	89642		8/11/93	8/18/93		8/18/93
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	GD1G930827083000		8/11/93	8/27/93		8/30/93
ı	AAZ3308301408	GFAA Digestion	GD16930827083000		8/11/93	8/27/93		8/30/93
SW8240 - Volatile Organics SW8270 - Semivolatile Organics	VOA*93228 MSMSD1308190856	Mt.HUU Set Funnel extraction	3510930817104500		8/11/93 8/11/93	8/11/93		8/18/93 8/19/93
								\$ \$ \$ 1 1
Sample ID : 05-SB-05-EB-04 EBD								
SW8240 - Volatile Organics	93228	METHOD			8/11/93			8/18/93
Sample ID : 05-SS-17-EB-01 EB								
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	6016930827083000		8/17/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3_308301408	GFAA Digestion	GD1G930827083000		8/11/93	8/27/93		8/30/93
SW7740 - Selenium	AAZ3308302042	GFAA Digestion	GD1G930827083000		8/17/93	8/27/93	; ! ! ! !	8/30/93
Sample ID : 06-MW-01-03 N								
	G1-A-0-6/10/93	NONE			6/15/93			6/10/93
	88938	METHOD	88938		6/15/93	6/11/93		6/17/93
E120.1 - Specific Conductance E150.1 - pH,Electrometric	G1-A-1-6/15/93 G1-A-2-6/15/93	NONE			6/15/93 6/15/93			6/15/93 6/15/93
Compiled: 21 April 1994	N = Normal Sample MS = Matri	x Spike MSD	= Matrix Spike Duplicate	FD = Field Duplicate	icate			B10-19

	ANALYTICAL		PREPARATION	LEACHATE	DATE	DATE	DATE	DATE
ANALYTICAL METHOD	BATCH ID	PREPARATION METHOD	BATCH ID	ватсн Ір	COLLECTED	PREPARED	LEACHED	ANALYZED
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/15/93	6/18/93	 	6/18/93
E170.1 - Temperature	G1-A-3-6/15/93	NONE			6/12/93	•		6/15/93
E180.1 - Turbidity	G1-A-4-6/15/93	NONE			6/12/93			6/15/93
E300 - Anions	WLICXC306231300	NONE			6/12/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/12/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/12/93			6/30/93
Gasoline Range Organics	88938	METHOD	88938		6/12/93	6/19/93		6/19/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/12/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	6016930625090000		6/15/93	6/22/93		7/2/93
SW7421 - Lead	AAZ2_307060800	GFAA Digestion	GD1G930625090000		6/12/93	6/22/93		7/6/93
SW7470 - Mercury	AAZ3_306242300	NONE			6/12/93	6/24/93		6/25/93
SW7470 - Mercury	AAZ4_306242300	NONE			6/12/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4_307141031	GFAA Digestion	GD1G930625090000		6/15/93	6/25/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/12/93			6/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/15/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/12/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/12/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/12/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/15/93			6/21/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/15/93			6/21/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/12/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/15/93	6/18/93		6/22/93
					1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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ICP Digestion
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TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE		DATE LEACHED	DATE ANALYZED
			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				 	
SW7421 - Lead	AAZZ30/060800	GFAA Digestion	GD1G930625090000		6/10/93	6/25/93		//6/93
SW7470 - Mercury	AAZ3_306242300	NONE			6/10/93	6/24/93		6/22/93
SW7470 - Mercury	AAZ4_306242300	NONE			6/10/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4_307141031	GFAA Digestion	GD1G930625090000		6/10/93	6/22/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306241717	METHOD			6/10/93			6/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1306250629	METHOD			6/10/93			6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/10/93	6/18/93		6/19/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/10/93	6/18/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY1306211455	NONE			6/10/93			6/22/93
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/10/93			6/22/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930618155501		6/10/93	6/18/93		6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930618155501		6/10/93	6/18/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/10/93	6/18/93		6/22/93
Sample ID : 06-MW-03-03 N								1 1 1 5 6 1 1 2 1 1

A403 - Alkalinity	G1-A-0-6/09/93	NONE		6/9/93		6/9/93
Diesel Range Organics	88937	METHOD	88937	6/6/9	6/16/93	6/17/93
E120.1 - Specific Conductance	G1-A-1-6/09/93	NONE		6/6/9		6/6/93
E150.1 - pH, Electrometric	G1-A-2-6/09/93	NONE		6/6/9		6/6/9
E170.1 - Temperature	61-A-3-6/09/93	NONE		6/6/9		6/9/93
E180.1 - Turbidity	61-4-4-6/09/93	NONE		6/6/93		6/6/9
Gasoline Range Organics	88937	METHOD	88937	6/6/9	6/18/93	6/18/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000	6/6/93	6/11/93	6/23/93
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GD1G930623160000	6/6/9	6/23/93	6/30/93
SW7421 - Lead	AAZ2_306251600	<b>GFAA</b> Digestion	GD1G930623160000	6/6/9	6/23/93	6/25/93
SW7470 - Mercury	AAZ4_306220000	NONE		6/6/9	6/21/93	6/22/93
SW7740 - Selenium	AAZ4_307080820	<b>GFAA</b> Digestion	GD1G930623160000	6/6/9	6/23/93	7/8/93
SW7740 - Selenium	AAZ4_307081152	GFAA Digestion	GD1G930623160000	6/6/9	6/23/93	7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD		6/6/9		6/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1306211441	METHOD		6/6/9		6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE		6/6/9	6/14/93	6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE		6/6/9	6/14/93	6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE		6/6/9		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE		6/6/9		6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000	6/6/9	6/11/93	6/19/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8080 - Organochlorine Pesticides and PCBs SW8270 - Semivolatile Organics	CHGC6B306181200 MSMSD2306150816	Set Funnel extraction Set Funnel extraction	3510930611162000 3510930614100500	! ! ! !	6/6/93 6/9/93	6/11/93 6/14/93		6/19/93 6/15/93
Sample ID : 06-MW-04-03 N					1 1 1 1 1 1 1 1 1 1 1 1			
A403 - Alkalinity	G1-A-0-6/10/93	NONE			6/15/03			6/10/03
Diesel Range Organics	88938	METHOD	88938		6/15/93	6/17/03		6/17/03
	G1-A-1-6/15/93	NONE			6/15/93	66/11/6		6/15/93
ı	G1-A-2-6/15/93	NONE			6/15/93			6/15/93
1	WLTDS_306181600	NONE			6/12/93	6/18/93		6/18/93
	G1-A-3-6/15/93	NONE			6/15/93			6/15/93
E180.1 - Turbidity	G1-A-4-6/15/93	NONE			6/15/93			6/15/93
E300 - Anions	WLICXC306231300	NONE			6/15/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/15/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/12/93			6/30/93
Gasoline Range Organics	88938	METHOD	88938		6/15/93	6/19/93		6/19/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/15/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GD1G930625090000		6/15/93	6/22/93		7/2/93
1	AAZ2_307060800	GFAA Digestion	6016930625090000		6/15/93	6/22/93		7/6/93
ı	AAZ3_306242300	NONE			6/12/93	6/24/93		6/25/93
1	AAZ4_306242300	NONE			6/15/93	6/24/93		6/25/93
ı	AAZ4_307141031	GFAA Digestion	GDIG930625090000		6/15/93	6/22/93		7/14/93
1	GCQUE1306241717	METHOD			6/15/93			6/25/93
1	GCTEX1306250629	METHOD			6/15/93			6/25/93
1	CHGC3A306180800	NONE	NA		6/15/93	6/18/93		6/19/93
1	CHGC3B306180800	NONE	NA		6/15/93	6/18/93		6/19/93
ı	GCKAY1306211455	NONE			6/12/93			6/22/93
ı	GCKAY2306211455	NONE			6/12/93			6/22/93
ı	CHGC7A306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/24/93
•	CHGC7B306231200	Set Funnel extraction	3510930618155501		6/15/93	6/18/93		6/24/93
S₩8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/15/93	6/18/93		6/22/93

Sample ID : 06-MW-07-01 N

1994 A403 - Alkalinity Compiled: 21

N = Normal Sample

NONE

G1-A-0-9/13/93

MS = Matrix Spike MSD = M

Spike Duplicate

FD = Field Duplicate

9/13/93

9/13/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION LEA BATCH ID BAT	LEACHATE BATCH ID CC	DATE DATE COLLECTED PREPARED		DATE LEACHED	DATE ANALYZED
Diesel Range Organics	89999	METHOD	89999	/6	9/13/93	9/22/93		9/22/93
E120.1 - Specific Conductance	G1-A-3-9/13/93	NONE		6	9/13/93			9/13/93
	G1-A-2-9/13/93	NONE		/6	9/13/93			9/13/93
	WLTDS_309170300	NONE		6	9/13/93	9/17/93		9/17/93
	WLTSS_309170300	NONE		6	9/13/93	9/11/93		9/17/93
	G1-A-1-9/13/93	NONE		6	9/13/93			9/13/93
E300 - Anions	WLICXC309251400	NONE		6	9/13/93			9/25/93
E300 - Anions	WLICXS309251300	NONE		6	9/13/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE		6	9/13/93			10/11/93
Gasoline Range Organics	89999	METHOD	89999	6		9/21/93		9/21/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	1016930917080000	6	9/13/93	9/17/93		9/24/93
SW7060 - Arsenic	AAZ3309210922	GFAA Digestion	GDIG930917080000	6	9/13/93	9/17/93		9/22/93
- 1	AAZ1_309211500	GFAA Digestion	6016930917080000	6	9/13/93	9/11/93		9/21/93
•	AAZ4_309232100	NONE		6	9/13/93	9/23/93		9/23/93
1	AAZ3_310071045	GFAA Digestion	6016930917080000	Ö	9/13/93	9/17/93		10/7/93
1	GCJAY1309201444	METHOD		Ó	9/13/93			9/21/93
1	GCJAY2309201444	NONE		6	9/13/93			9/21/93
SW8270 - Semivolatile Organics	MSMSD1309201450	Set Funnel extraction	3510930916132500	6	9/13/93	9/16/93		9/20/93
Sample ID : 06-MW-07-01 ND								
F353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE		6	9/13/93			10/11/93
	EMJA61309240100	ICP Digestion	1016930917080000	o i	9/13/93	9/11/93		9/24/93
SW7421 - Lead	AAZ1_309211500	GFAA Digestion	GD1G930917080000	6	9/13/93	9/17/93		9/21/93
SW7740 - Selenium	AAZ3310071045	GFAA Digestion	GD1G930917080000	6	9/13/93	9/17/93	1 1 8 8	10/7/93
Sample ID : 06-MW-07-DS-01 FD								
Diesel Range Organics	89999	METHOD	89999	6	9/13/93	9/22/93		9/22/93
F160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE		6	9/13/93	9/17/93		9/17/93
	WLTSS_309170300	NONE		6	9/13/93	9/17/93		9/17/93
	WLICXC309251400	NONE		6	9/13/93			9/25/93
E300 - Anions	WLICXS309251300	NONE		6	9/13/93			9/25/93
E353.1 - Nitrate-Nitrite	WLTRAC310111600	NONE		6	9/13/93			10/11/93
Gasoline Range Organics	88999	METHOD	89999	6	9/13/93	9/21/93		9/21/93
Compiled: 21 April 1994 N	= Normal Sample MS = Matrix	Spike MSD	= Matrix Spike Duplicate FD	= Field Duplicate				B10-23

	ANALYTICAL		PREPARATION	1 FACHATE	DATE	DATE	DATE	DATE
ANALYTICAL METHOD	BATCH 10	PREPARATION METHOD	BATCH ID	BATCH ID	COLLECTED	8	LEACHED	ANALYZED
	111111		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1		111111
SW6010 - Metals	EMJA61309240100	ICP Digestion	1016930917080000		9/13/93	9/17/93		9/24/93
	00010000	CEAA Discontinu	CD1C020017000000		0/13/03	0/11/0		00/00/0
	7760176060794	arak Digestion	000000/160660100		9/15/95	9/11/85		3/ 44/ 33
SW/421 - Lead	AAZ1309211500	GFAA Digestion	GDIG930917080000		9/13/93	9/17/93		9/21/93
SW7470 - Mercury	AAZ4_309232100	NONE			9/13/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3 310071045	GFAA Digestion	6016930917080000		9/13/93	9/17/93		10/7/93
	1 4 5		•		00/01/0	00/11/0		00/1/04
l		MEINUU			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCJAY2309201444	NONE			9/13/93			9/21/93
SW8020 - Aromatic Volatile Organics	GCPEA2309211943	NONE			9/13/93			9/22/93
SW8270 - Semivolatile Organics	MSMSD1309201450	Set Funnel extraction	3510930916132500		9/13/93	9/16/93		9/20/93
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
AT TO SA TO SAN OR AT TERMS								
Sample ID : US-MW-U/-US-UI FDy								
	GI-A-0-9/13/93	NONE			9/13/93			9/13/93
E120.1 - Specific Conductance	61-4-3-9/13/93	NONE			9/13/93			9/13/93
E150.1 - pH, Electrometric	G1-A-2-9/13/93	NONE			9/13/93			9/13/93
E170.1 - Temperature	G1-A-1-9/13/93	FNON			9/13/93			9/13/93
			1		00 101 10			00/01/0
0 to 01 to 07 to 01 cb								
Diesel Range Organics	90182	METHOD	90182		10/1/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/1/93	10/10/93		10/10/93
SW8240 - Volatile Organics	MSMSDA310062203	METHOD			10/1/93			10/7/93
	COURT TO COURT				CC / T / O T			20/1/32
SW82/0 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000	1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	10/1/93	10/6/93	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10/11/93
Sample ID : 07-MW-01-03 N								
:								
A403 - Alkalinity	G1-A-0-8/10/93	NONE			8/10/93			8/10/93
Diesel Range Organics	89601	METHOD	89601		8/10/93	8/13/93		8/14/93
E120.1 - Specific Conductance	G1-A-4-8/10/93	NONE			8/10/93			8/10/93
E150.1 - pH, Electrometric	G1-A-3-8/10/93	NONE			8/10/93			8/10/93
E160.1 - Residue. Filterable (TDS)	WLTDS 308171200	NONE			8/10/93	8/17/93		8/17/93
ı	G1-A-1-8/10/93	ENON			8/10/93			8/10/93
1	61-4-2-8/10/03	1 NO			9/10/03			9/10/03
י יייייייייייייייייייייייייייייייייייי	OI N E 0/ 10/ 33	11011			0/10/93			0,10/30
Gasoline Range Organics	89601	METHOD	89601		8/10/93	8/17/93		8/17/93
Compiled: 21	N = Normal Sample MS = Matrix	rix Spike MSD = 1	Spike Duplicate	FD = Field Duplicate	ate			810-24



ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE DATE COLLECTED PREPARED 1	DATE LEACHED	DATE ANALYZED
SW6010 - Metals	EMJA61308271100	ICP Digestion	1016930823072500		8/10/93	8/23/93		8/27/93
SW7060 - Arsenic	AAZ3308161900	GFAA Digestion	GD16930813081500		8/10/93	8/13/93		8/16/93
SW7421 - Lead	AAZ1_308161600	GFAA Digestion	GDIG930813081500		8/10/93	8/13/93		8/16/93
SW7470 - Mercury	AAZ4_308242100	NONE			8/10/93	8/24/93		8/24/93
SW7740 - Selenium	AAZ4_308231116	GFAA Digestion	GD1G930813081500		8/10/93	9/13/93		8/23/93
SW8010 - Halogenated Volatile Organics	GCPEA1308161047	METHOD			8/10/93			8/16/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A308170800	NONE	NA		8/10/93	8/11/93		8/17/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B308170800	NONE	NA		8/10/93	8/17/93		8/17/93
SW8020 - Aromatic Volatile Organics	GCPEA2308161047	NONE			8/10/93			8/16/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1A308201200	Set Funnel extraction	3510930813105700		8/10/93	8/13/93		8/21/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC1B308201200	Set Funnel extraction	3510930813105700		8/10/93	8/13/93		8/21/93
SW8270 - Semivolatile Organics	MSMSD1308171507	Set Funnel extraction	3510930812113000		8/10/93	8/12/93		8/17/93

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A403 - Alkalinity	G1-A-0-6/09/93	NONE		6/6/9		6/6/9
Diesel Range Organics	88937	METHOD	88937	6/6/9	6/16/93	6/11/93
E120.1 - Specific Conductance	G1-A-1-6/09/93	NONE		6/9/93		6/9/93
E150.1 - pH, Electrometric	G1-A-2-6/09/93	NONE		6/8/9		6/8/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306141600	NONE		6/8/9	6/14/93	6/14/93
E170.1 - Temperature	61-A-3-6/09/93	NONE		6/6/9		6/8/93
E180.1 - Turbidity	G1-A-4-6/09/93	NONE		6/6/9		6/9/93
Gasoline Range Organics	88937	METHOD	88937	6/6/93	6/18/93	6/18/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDIG930617080000	6/9/93	6/17/93	6/23/93
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GD16930623160000	6/6/9	6/23/93	6/30/93
SW7421 - Lead	AAZ2_306251600	GFAA Digestion	GD1G930623160000	6/6/9	6/23/93	6/25/93
SW7470 - Mercury	AAZ4_306220000	NONE		6/6/9	6/21/93	6/22/93
SW7740 - Selenium	AAZ4_307080820	GFAA Digestion	6016930623160000	6/6/9	6/23/93	7/8/93
SW7740 - Selenium	AAZ4_307081152	<b>GFAA</b> Digestion	GD16930623160000	6/6/9	6/23/93	7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD		6/6/9		6/23/93
SW8010 - Halogenated Volatile Organics	GCTEX1306211441	METHOD		6/6/9		6/22/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE		6/6/9	6/14/93	6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE		6/6/9	6/14/93	6/15/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE		6/6/9		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE		86/6/9		6/19/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE PREPARED	DATE	DATE ANALYZED
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8270 - Semivolatile Organics	CHGC6A306181200 CHGC6A306221200 CHGC6B306181200 CHGC6B306221200 MSMSD2306150816	Set Funnel extraction Set Funnel extraction Set Funnel extraction Set Funnel extraction	3510930611162000 3510930611162000 3510930611162000 3510930611162000 3510930611162000	1 1 1 1 1 1 1	6/9/93 6/9/93 6/9/93 6/9/93	6/11/93 6/11/93 6/11/93 6/11/93 6/14/93		6/19/93 6/23/93 6/19/93 6/23/93 6/15/93
Sample ID : 07-MW-02-DS-03 FD	1							
Diesel Range Organics E160 i - Dasidue Eiltershle (INS)	88937 MITES 306141600	METHOD	88937		6/9/93	6/16/93		6/17/93
	88937	METHOD	88937		6/9/93	6/17/93		6/17/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	IDI6930617080000		6/9/93	6/17/93		6/23/93
1	AAZ2_306251600	GFAA Digestion	6016930623160000		6/8/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4_306220000	NONE			6/9/93	6/21/93		6/22/93
ı	AAZ4_307080820	GFAA Digestion	6016930623160000		6/6/9	6/23/93		7/8/93
1	AAZ4_307081152	GFAA Digestion	GD1G930623160000		6/6/9	6/23/93		7/8/93
ı	GCQUE1306231533	METHOD			6/9/93			6/23/93
1	GCTEX1306211441	METHOD			6/9/93			6/22/93
;	CHGC3A306140800	NONE			6/9/93	6/14/93		6/15/93
SW8U15 - Nonhalogenated Volatile Urganics SW8020 - Arcmatic Volatile Organics	CHGC3B306140800 GCKAY1306190024	NONE NONE			6/9/93	6/14/93		6/15/93
ſ	GCKAY2306190024	NONF			6/6/63			6/19/93 6/19/93
- 1	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/18/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930611162000		6/6/9	6/11/93		6/23/93
1	CHGC6B306181200	Set Funnel extraction	3510930611162000		6/9/93	6/11/93		6/18/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930611162000		6/6/93	6/11/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500	1 1 1 1 1 1 1 1	6/6/93	6/14/93		6/15/93
Sample ID : 07-MW-02-DS-03 FDD								
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000		6/9/93	6/11/93		6/23/93
SW7421 - Lead	AAZ2_306251600	GFAA Digestion	6016930623160000		6/9/93	6/23/93		6/25/93
SW7740 - Selenium	AAZ4307080820	GFAA Digestion	GDIG930623160000		6/6/9	6/23/93		7/8/93
					3 3 4 4 4 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

MS = Matrix Spike MSD = N

N = Normal Sample

B10-26

ID : 07-MW-02-DS-03 FDy  Alkalinity - Specific Conductance - pH, Electrometric - pH, Electrometric - Temperature - Turbidity - Turbidity - Specific Conductance - Specific Conductance - Specific Conductance - Specific Conductance - Specific Conductance - Specific Conductance - Specific Conductance - Temperature - Specific Conductance - Temperature - Residue, Filterable (TDS) - Temperature - Turbidity - Temperature - Residue, Filterable (TDS) - Temperature - Turbidity - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Temperature - Tempe	NONE NONE NONE NONE NONE NONE NONE NONE	89601	6/9/93 6/9/93 6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93	8/13/93	6/9/93 6/9/93 6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93
G1-A-0-6/09/93 G1-A-1-6/09/93 G1-A-2-6/09/93 G1-A-3-6/09/93 G1-A-3-6/09/93 G1-A-4-6/09/93 G1-A-4-6/09/93 G1-A-4-8/10/93 B9601 G1-A-3-8/10/93 G1-A-2-8/10/93 G1-A-2-8/10/93 G1-A-2-8/10/93 G1-A-2-8/10/93 B9601 EMJA61308271100 EMJA61308271100	NONE NONE NONE NONE NONE METHOD NONE NONE NONE NONE NONE	89601	6/9/93 6/9/93 6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93	8/13/93	6/9/93 6/9/93 6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93
trance 61-A-1-6/09/93 ic 61-A-2-6/09/93 61-A-3-6/09/93 61-A-4-6/09/93 61-A-4-6/09/93 89601 61-A-0-8/10/93 ic 81-A-4-8/10/93 ic 81-A-3-8/10/93 ic 81-A-1-8/10/93 ic 81-A-2-8/10/93 ic 81-A-2-8/10	NONE NONE NONE NONE METHOD NONE NONE NONE NONE NONE	89601	6/9/93 6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93	8/13/93	6/9/93 6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93
ic 61-A-2-6/09/93 61-A-3-6/09/93 61-A-4-6/09/93 61-A-0-8/10/93 89601 61-A-3-8/10/93 ic 61-A-3-8/10/93 61-A-1-8/10/93 61-A-2-8/10/93 89601 EMJA61308271100 EMJA61308271100	NONE NONE NONE NONE NONE NONE NONE NONE	89601	6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93	8/13/93	6/9/93 6/9/93 6/9/93 8/10/93 8/10/93 8/10/93
61-A-3-6/09/93 61-A-4-6/09/93 61-A-0-8/10/93 89601 61-A-4-8/10/93 1c MLTDS_308171200 61-A-1-8/10/93 61-A-2-8/10/93 61-A-2-8/10/93 89601 EMJA61308271100 EMJA61308271100	NONE NONE METHOD NONE NONE NONE NONE NONE	89601	6/9/93 6/9/93 8/10/93 8/10/93 8/10/93 8/10/93	8/13/93	6/9/93 6/9/93 8/10/93 8/10/93 8/10/93 8/10/93
G1-A-4-6/09/93  N G1-A-0-8/10/93 89601 G1-A-4-8/10/93 ic MLTDS_308171200 G1-A-1-8/10/93 G1-A-2-8/10/93 G1-A-2-8/10/93 B9601 EMJA61308271100 EMJA61308271100	NONE METHOD NONE NONE NONE NONE NONE	89601	6/9/93 8/10/93 8/10/93 8/10/93 8/10/93	8/13/93	6/9/93 8/10/93 8/14/93 8/10/93 8/10/93
61-A-0-8/10/93 89601 stance 61-A-4-8/10/93 1c 61-A-4-8/10/93 1c 61-A-3-8/10/93 1c MLTDS_308171200 1c 61-A-1-8/10/93 1c 61-A-2-8/10/93	NONE METHOD NONE NONE NONE	89601	8/10/93 8/10/93 8/10/93 8/10/93	8/13/93	8/10/93 8/14/93 8/10/93 8/10/93
G1-A-0-8/10/93 89601 61-A-4-8/10/93 ic 61-A-3-8/10/93 ic MLTDS_308171200 61-A-1-8/10/93 61-A-2-8/10/93 89601 EMJA61308271100 EMJA61308271100	NONE METHOD NONE NONE NONE	89601	8/10/93 8/10/93 8/10/93 8/10/93	8/13/93	8/10/93 8/14/93 8/10/93 8/10/93
G1-A-0-8/10/93  By 601  Conductance  G1-A-4-8/10/93  rometric  G1-A-3-8/10/93  Filterable (TDS)  WLTDS_308171200  G1-A-1-8/10/93  y  By 89601  EMJA61308271100  EMJA61308301200	NONE METHOD NONE NONE NONE NONE	89601	8/10/93 8/10/93 8/10/93 8/10/93	8/13/93	8/10/93 8/14/93 8/10/93 8/10/93
Range Organics       89601         - Specific Conductance       61-A-4-8/10/93         - pH, Electrometric       61-A-3-8/10/93         - Residue, Filterable (TDS)       WLTDS_308171200         - Temperature       61-A-1-8/10/93         - Turbidity       61-A-2-8/10/93         - Range Organics       89601         - Metals       EMJA61308271100         - Metals       EMJA61308301200	METHOD NONE NONE NONE NONE	89601	8/10/93 8/10/93 8/10/93	8/13/93	8/14/93 8/10/93 8/10/93
- Specific Conductance 61-A-4-8/10/93 - pH, Electrometric 61-A-3-8/10/93 - Residue, Filterable (TDS) WLTDS_308171200 - Temperature 61-A-1-8/10/93 - Turbidity 61-A-2-8/10/93 - Range Organics 89601 - Metals EMJA61308271100	NONE NONE NONE		8/10/93 8/10/93		8/10/93 8/10/93
- pH, Electrometric G1-A-3-8/10/93 - Residue, Filterable (TDS) WLTDS_308171200 - Temperature G1-A-1-8/10/93 - Turbidity G1-A-2-8/10/93 ne Range Organics 89601 - Metals EMJA61308271100	NONE NONE NONE		8/10/93		8/10/93
- Residue, Filterable (TDS) WLTDS_308171200 - Temperature G1-A-1-8/10/93 - Turbidity G1-A-2-8/10/93 ne Range Organics 89601 - Metals EMJA61308271100 - Metals EMJA61308271100	NONE NONE				
- Temperature 61-A-1-8/10/93 - Turbidity 61-A-2-8/10/93 ne Range Organics 89601 - Metals EMJA61308271100 - Metals	NONE		8/10/93	8/17/93	8/17/93
G1-A-2-8/10/93 89601 EMJA61308271100 EMJA61308301200	(:::::		8/10/93		8/10/93
89601 EMJA61308271100 EMJA61308301200	NONE		8/10/93		8/10/93
Metals EMJA61308271100 Metals EMJA61308301200	METHOD	89601	8/10/93	8/17/93	8/17/93
- Metals EMJA61308301200	ICP Digestion	1016930823072500	8/10/93	8/23/93	8/27/93
	ICP Digestion	1D1G930813080000	8/10/93	8/13/93	8/30/93
	GFAA Digestion	6016930813081500	8/10/93	8/13/93	8/16/93
- Lead AAZ1_308161600	GFAA Digestion	6D16930813081500	8/10/93		8/16/93
	NONE		8/10/93	-	8/24/93
AAZ4308231116	GFAA Digestion	6016930813081500	8/10/93	9/13/93	8/23/93
SW8010 - Halogenated Volatile Organics GCPEA1308161047 METHOD	МЕТНОБ		8/10/93		8/16/93
CHGC3A308170800	NONE	NA	8/10/93	8/17/93	8/11/93
	NONE	NA	8/10/93	8/11/93	8/11/93
SW8020 - Aromatic Volatile Organics GCJAY2308171217 NONE	NONE		8/10/93		8/18/93
SW8020 - Aromatic Volatile Organics GCPEA2308161047 NONE	NONE		8/10/93		8/16/93
SW8080 - Organochlorine Pesticides and PCBs CHGC1A308201200 Set Funnel extra	Set Funnel extraction	3510930813105700	8/10/93	8/13/93	8/21/93
	Set Funnel extraction	3510930813105700	8/10/93	8/13/93	8/21/93
SW8270 - Semivolatile Organics MSMSD1308171507 Set Funnel extra	Set Funnel extraction	3510930812113000	8/10/93	8/12/93	8/18/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 07-MW-03-03 ND								
E160.1 - Residue, Filterable (TDS)	WLTDS_308171200	NONE			8/10/93	8/17/93		8/17/93
Sample ID : 07-MW-04-03 N					1 1 1 1 1 1 1 1 1 1 1 1	; 	1 1 1 1 1 1 1	1
A403 - Alkalinity	G1-A-0-7/29/93	NONE			7/29/93			7/29/93
Diesel Range Organics	89475	METHOD	89475		7/29/93	8/2/83		8/5/93
E120.1 - Specific Conductance	61-A-1-7/29/93	NONE			7/29/93			7/29/93
E150.1 - pH,Electrometric	G1-A-2-7/29/93	NONE			7/29/93			7/29/93
1	WLTDS_308031200	NONE			7/29/93	8/3/93		8/3/93
1	61-A-3-7/29/93	NONE			7/29/93			7/29/93
E180.1 - Turbidity	G1-A-4-7/29/93	NONE			7/29/93			7/29/93
Gasoline Range Organics	89475	METHOD	89475		7/29/93	8/4/93		8/4/93
SW6010 - Metals	EMJA61308271100	ICP Digestion	1016930823072500		7/29/93	8/23/93		8/27/93
SW6010 - Metals	EMJA61308301200	ICP Digestion	1016930813080000		7/29/93	8/13/93		8/30/93
SW7060 - Arsenic	AAZ3_308161900	GFAA Digestion	GD1G930813081500		7/29/93	8/13/93		8/16/93
SW7421 - Lead	AAZ1_308161600	GFAA Digestion	GD16930813081500		7/29/93	8/13/93		8/16/93
SW7470 - Mercury	AAZ4_308162200	NONE			7/29/93	8/16/93		8/17/93
SW7740 - Selenium	AAZ4_308231116	GFAA Digestion	GD1G930813081500		7/29/93	9/13/93		8/23/93
SW8010 - Halogenated Volatile Organics	GCJAY1308111427	METHOD			7/29/93			8/12/93
ı	GCPEA1308101540	METHOD			7/29/93			8/11/93
1	CHGC3A308060800	NONE	NA		7/29/93	8/6/93		8/6/93
ı	CHGC3B308060800	NONE	NA		7/29/93	8/6/93		8/6/93
1	GCKAY1308091931	NONE			7/29/93			8/10/93
	CHGC7A308061200	Set Funnel extraction	3510930804130000		7/29/93	8/4/93		8/7/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B308061200	Set Funnel extraction	3510930804130000		7/29/93	8/4/93		8/7/93
SW8270 - Semivolatile Organics	MSMSD2308070819	Set Funnel extraction	3510930804092000		7/29/93	8/4/93		8/7/93
			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	‡ 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 6 1 1 1 1 1 1 1 1 1 2	! ! ! ! ! ! ! !	: : : : :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sample ID : 07-MW-04-03 ND								
	WLTDS_308031200	NONE			7/29/93	8/3/93		8/3/93
SW7470 - Mercury SW7740 - Selenium	AAZ4_308162200	NONE	0011000100000100		7/29/93	8/16/93		8/17/93
	AA24300231110	urAA Digestion	00180813081300		17.29/93	9/13/93		8/23/93

B10-28

Spike Duplicate FD = Field Duplicate

N = Normal Sample MS = Matrix Spike MSD = M

Compiled: 21

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED		DATE	DATE ANALYZED
Sample ID : 07-SD-07-EB-01 EB		·						
Gasoline Range Organics	89718	METHOD	89718		8/17/93	8/17/93		8/17/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/17/93	8/27/93		9/1/93
ı	AAZ3_308301727	GFAA Digestion	GD1G930827083000		8/11/93	8/27/93		8/30/93
1	AAZ3_308301408	GFAA Digestion	6016930827083000		8/17/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4_309012045	NONE			8/11/93	9/1/93		9/1/93
1	AAZ3_308302042	GFAA Digestion	GD1G930827083000		8/17/93	8/27/93		8/30/93
SW8240 - Volatile Organics SW8270 - Semivolatile Organics	VOA*93238 MSMSD1308251013	MEIHOU Set Funnel extraction	3510930824105000		8/1//93 8/17/93	8/24/93		8/25/93 8/25/93
Sample ID : 07-SD-07-EB-01 EBD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	i I I I I I I I I I
SW7470 - Mercury	AAZ4 309012045	NONE			8/11/93	9/1/93		9/1/93
SW8240 - Volatile Organics		МЕТНОО			8/17/93			8/25/93
		·						
Sample ID : 07-SD-07-EB-01 MSD								
SW8240 - Volatile Organics SW8240 - Volatile Organics	93238 VOA*93238	МЕТНОО МЕТНОО			8/17/93		   1   1   1   1	8/25/93 8/25/93
Sample ID : 07-SW-03-01 MS								
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
	EMJA61309071000	ICP Digestion	1016930827080000		8/19/93	8/27/93	! ! ! !	9/7/93
Sample ID : 07-SW-03-01 MSD								
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
- 1	EMJA61309071000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/7/93
Compiled: 21 April 1994 N = Nc	= Normal Sample MS = Mat	= Matrix Spike MSD = Matrix	MSD = Matrix Spike Duplicate	FD = Field Duplicate	icate	7 L 5 5 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	† † 1 1 1 1 1	810-29

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE	DATE
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		t 1 2 1 1 1	] ; 1 ; 4 ; 1	1	 		 
Sample ID : 07-SW-03-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Diesel Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
SW6010 - Metals	EMJA61309071000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/7/93
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3_308301408	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
SW7470 - Mercury	AAZ4_309012045	NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3_308302042	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/25/93
Sample 10 : U/-SM-US-UI ND								
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
SW6010 - Metals	EMJA61309071000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	- 1	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
•		GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
SW7740 - Selenium	AAZ3_308302042	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93	! ! ! ! ! !	8/30/93
Sample ID : 07-SW-04-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Diesel Range Organics	89717	METHOD	89717		8/19/93	8/56/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	GD16930827083000		8/19/93	8/27/93		8/30/93
Compiled: 21 ( ) 1994 N = N	= Normal Sample MS = Matri	rix Spike MSD = h	Spike Duplicate	FD = Field Duplicate	ate			B10-30

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW7421 - Lead	AAZ3_308301408	GFAA Digestion	GDIG930827083000		8/19/93	8/27/93	# # # # # # # # # # # # # # # # # # #	8/30/93
- Mercury		NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3_308302042	GFAA Digestion	6016930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCJAY1308251440	METHOD			8/19/93			8/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCJAY2308251440	NONE			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/25/93
		8			: : : : : : :	 	; ; ; ; ; ; ; ;	
Sample ID : 07-SW-05-01 N								
A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3_308301408	GFAA Digestion	GD1G930827083000		8/19/93	8/21/83		8/30/93
SW7470 - Mercury	AAZ4_309012045	NONE			8/19/93	9/1/93		9/1/93
SW7740 - Selenium	AAZ3_308302042	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
SW8010 - Halogenated Volatile Organics	GCTEX1308242018	METHOD			8/19/93			8/25/93
SW8020 - Aromatic Volatile Organics	GCJAY2308251440	NONE			8/19/93			8/56/93
SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
SW8270 - Semivolatile Organics	MSMSD1308251013	Set Funnel extraction	3510930824105000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8/19/93	8/24/93	1	8/25/93
Sample ID : 07-SW-06-01 N		·						
	61-4-0-8/10/02	i WOW			9/10/03			9/10/03
A4U3 - AIKAIITILY	26 /61 /0-0-15 20 -0-15	NONE.			00/01/0			06/61/0
	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
E150.1 - pH,Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/27/93		9/1/93
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
Compiled: 21 April 1994 N = Norma	= Normal Sample MS = Mat	= Matrix Spike MSD = Matrix	MSD = Matrix Spike Duplicate	FD = Field Duplicate	ate			810-31

AA Digestion 6D16930827083000 8/19/93 NE Funnel extraction 3510930824105000 8/19/93 HHOD 89717 8/19/93 HHOD 89718 8/19/93 HHOD 89718 8/19/93 AA Digestion 6D16930827083000 8/19/93 AA Digestion 6D16930827083000 8/19/93 HH E STANACTION 3510930827083000 8/19/93 AA Digestion 6D16930827083000 8/19/93 HH E STANACTION 3510930827083000 8/19/93 AA Digestion 6D16930827083000 8/19/93	ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanaparameter   Macanapara	١.	AAZ3308301408	GFAA Digestion	GD16930827083000	8 2 1 1	8/19/93	8/27/03		
- Selentum AA22_308302042 GFAA Digestion GDIG930827083000 8/19/93 - Halogenated Volatile Organics GCTEX308242018 NRTHOD		AAZ4 309012045	NONE			8/19/93	9/1/93		9/1/93
- Hologenated Volatile Organics GCTEX1308242018 NRTH00 - Annomatic Volatile Organics GCTEX1308242018 NONE - Semivolatile Organics GCTEX230824018 NONE - Semivolatile Organics G1-A-0-8/19/93 NONE - Specific Conductance G1-A-2-8/19/93 NONE - Specific Conductance G1-A-1-8/19/93 NONE - Specific Conductance G1-A-2-8/19/93 NONE - Specific C1-A-2-8/19/93 NONE - Specific C1-A-2-		AAZ3_308302042	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
- Aromatic Volatile Organics		GCTEX1308242018	METHOD			8/19/93			8/25/93
10 : 07-5W-07-01 N	SW8020 - Aromatic Volatile Organics	GCTEX2308242018	NONE			8/19/93			8/25/93
10 : 07-5W-07-01 N		MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/25/93
Alkalinity         Gil-A-0-8/19/93         NONE         89717         8/19/93           Range Organics         98977         NETHOD         89717         8/19/93           - Specific Conductance         Gl-A-2-8/19/93         NONE         89717         8/19/93           - PH.Electrometric         Gl-A-1-8/19/93         NONE         89718         8/19/93           - PH.Electrometric         Gl-A-1-8/19/93         NONE         89718         8/19/93           - Reals         EMAG1309010000         ICP Digestion         GD1693082708000         8/19/93           - Arsenic         AA23_308301727         GFAA Digestion         GD1693082708300         8/19/93           - Hercury         AA23_3083012045         GFAA Digestion         GD1693082708300         8/19/93           - Halogenated Volatile Organics         GCTEX2308242018         NONE         8/19/93         8/19/93           - Armantic Volatile Organics         GCTEX2308242018         NONE         8/19/93         8/19/93           - Armantic Volatile Organics         GCTEX2308242018         NONE         8/19/93         8/19/93           - Armantic Volatile Organics         HSMSD1308251013         Set Funnel extraction         3510930824105000         8/21/93           - Armantic Volatile Organics				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
Range Organics         89717         METHOD         89717         8/19/93           - Specific Conductance         61-A-2-8/19/93         NONE         8/19/93         8/19/93           - Ph.Electrometric         61-A-1-8/19/93         NONE         8/19/93         8/19/93           - Ph.Electrometric         61-A-1-8/19/93         NONE         8/19/93         8/19/93           - Ratals         89718         METHOD         8/19/93         8/19/93         8/19/93           - Arsenic         Arsenic         AA73_308301127         GFAA Digestion         GDIG930827083000         8/19/93           - Lead         AA24_309012045         NONE         GFAA Digestion         GDIG930827083000         8/19/93           - Halogenated Volatile Organics         GCTEX2308242018         NONE         GTEX230827083000         8/19/93           - Aromatic Volatile Organics         GCTEX2308242018         NONE         ARA3_308301200         ARA3_308301200           - Semivolatile Organics         GCTEX2308242018         NONE         ARA3_308301200         ARA3_308301200         ARA3_308301200           - Arrenic         Arrenic         AA23_308301200         GFAA Digestion         GDIG930827083000         8/21/93           - Arrenic         AA23_308301200         GFAA Digestion <td>A403 - Alkalinity</td> <td>G1-A-0-8/19/93</td> <td>NONE</td> <td></td> <td></td> <td>8/19/93</td> <td></td> <td></td> <td>8/19/93</td>	A403 - Alkalinity	G1-A-0-8/19/93	NONE			8/19/93			8/19/93
- Specific Conductance	Diesel Range Organics	89717	METHOD	89717		8/19/93	8/26/93		8/27/93
PH.Electrometric         G1-A-1-B/19/93         NONE         89718         8/19/93           Reage Organics         G1-A-1-B/19/93         METHOD         89718         8/19/93           - Metals         <	E120.1 - Specific Conductance	G1-A-2-8/19/93	NONE			8/19/93			8/19/93
Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Range Organics   Rang	E150.1 - pH, Electrometric	G1-A-1-8/19/93	NONE			8/19/93			8/19/93
- Metals         EMJA61309010000         ICP Digestion         IDIG93082708000         8/19/93           - Arsenic         Arsenic         AA23_30830127         GFAA Digestion         GDIG93082708300         8/19/93           - Lead         AA23_308301408         GFAA Digestion         GDIG93082708300         8/19/93           - Mercury         AA24_309012045         NONE         8/19/93           - Alongenated Volatile Organics         GCTEX.1308242018         METHOD         8/19/93           - Aromatic Volatile Organics         GCTEX.2308242018         NONE         8/19/93           - Aromatic Volatile Organics         GCTEX.2308242018         NONE         8/19/93           - Aromatic Volatile Organics         MSMSD1308251013         Set Funnel extraction         3510930824105000         8/19/93           - Aromatic Volatile Organics         MSMSD1308251013         Set Funnel extraction         3510930824105000         8/19/93           - Metals         FMJA61309010000         ICP Digestion         GDIG93082708000         8/21/93           - Arsenic         AA23_308301727         GFAA Digestion         GDIG93082708300         8/21/93           - Lead         AA23_308301727         AAA 30917045         AAA 30917045         AAA 30917045	Gasoline Range Organics	89718	METHOD	89718		8/19/93	8/19/93		8/19/93
- Arsenic - AAZ3_308301727 GFAA Digestion GDIG930827083000 8/19/93 - Lead AAZ4_309012045 GFAA Digestion GDIG930827083000 8/19/93 - ABZ4_309012045 NONE GDIG930827083000 8/19/93 - Selenium AAZ3_308302042 GFAA Digestion GDIG930827083000 8/19/93 - Aromatic Volatile Organics GCTEX1308242018 NONE GTEX230824105000 8/19/93 - Semivolatile Organics GCTEX2308242018 NONE GDIG930824105000 8/19/93 - Metals AAZ3_308301727 GFAA Digestion GDIG930827083000 8/21/93 - Arsenic AAZ3_308301408 GFAA Digestion GDIG930827083000 8/21/93 - Lead AAZ3_308301446 GFAA Digestion GDIG930827083000 8/21/93 - Halogenated Volatile Organics GTAA Digestion GDIG930827083000 8/21/93	SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/19/93	8/21/93		9/1/93
- Lead - Lead - AA23_308301408 GFAA Digestion GDIG930827083000 8/19/93 - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mercury - Mer	SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	6016930827083000		8/19/93	8/27/93		8/30/93
- Mercury - Percury - Percury - Percury - Selenium - AA23_308302042	SW/421 - Lead	AAZ3_308301408	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
- Selenium - Selenium - AA23_308302042 GFAA Digestion GDIG930827083000 8/19/93 - Halogenated Volatile Organics GCTEX1308242018 METHOD - Aromatic Volatile Organics GCTEX2308242018 NONE - Aromatic Volatile Organics GCTEX2308242018 NONE - Semivolatile Organics MSMSD1308251013 Set Funnel extraction 3510930824105000 8/19/93 - Semivolatile Organics MSMSD1308251013 Set Funnel extraction 3510930824105000 8/19/93 - Metals - Metals AAZ3_308301727 GFAA Digestion GDIG930827083000 8/21/93 - Lead - Lead - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4_30912045 NONE - Mercury AAZ4	SW/4/U - Mercury	AAZ4_309012045	NONE			8/19/93	9/1/93		9/1/93
- Halogenated Volatile Organics GCTEX1308242018 METHOD - Aromatic Volatile Organics GCTEX2308242018 NONE - Aromatic Volatile Organics GCTEX2308242018 NONE - Semivolatile Organics HSMSD1308251013 Set Funnel extraction 3510930824105000 8/19/93 - Semivolatile Organics HSMSD1308251013 Set Funnel extraction 3510930824105000 8/19/93 - Metals - Metals - Arsenic GDIG930827083000 8/21/93 - Lead - AAZ3_308301408 GFAA Digestion GDIG930827083000 8/21/93 - Mercury - Metals HAZ3_308301408 GFAA Digestion GDIG930827083000 8/21/93 - Mercury		AAZ3_308302042	GFAA Digestion	GD1G930827083000		8/19/93	8/27/93		8/30/93
- Aromatic Volatile Organics GCTEX2308242018 NONE - Semivolatile Organics GCTEX2308251013 Set Funnel extraction 3510930824105000 8/19/93 - Semivolatile Organics MSMSD1308251013 Set Funnel extraction 3510930824105000 8/19/93 - Metals EMJA61309010000 ICP Digestion IDIG930827080000 8/21/93 - Arsenic AAZ3_308301408 GFAA Digestion GDIG930827083000 8/21/93 - Lead AAZ4_309012045 NONE		GCTEX1308242018	METHOD			8/19/93			8/25/93
- Semivolatile Organics MSMSD1308251013 Set Funnel extraction 3510930824105000 8/19/93  - Semivolatile Organics MSMSD1308251013 Set Funnel extraction 3510930824105000 8/19/93  - Metals		GCTEX2308242018	NONE			8/19/93			8/25/93
ID : 07-5W-07-EB-01 EB         - Metals       EMJA61309010000 ICP Digestion       IDIG930827080000       8/21/93         - Arsenic       AAZ3_308301727 GFAA Digestion       GDIG930827083000       8/21/93         - Lead       AAZ3_308301408 GFAA Digestion       GDIG930827083000       8/21/93         - Mercury       AAZ4_309012045 NONE       NONE	1	MSMSD1308251013	Set Funnel extraction	3510930824105000		8/19/93	8/24/93		8/56/93
- Metals EMJA61309010000 ICP Digestion IDIG930827080000 8/21/93 - Arsenic AAZ3_308301727 GFAA Digestion GDIG930827083000 8/21/93 - Lead AAZ3_308301408 GFAA Digestion GDIG930827083000 8/21/93 - Mercury AA74_309012045 NOME					2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	t 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
- Arsenic AAZ3_308301727 GFAA Digestion GDIG930827083000 8/21/93 - Lead AAZ3_308301408 GFAA Digestion GDIG930827083000 8/21/93 - Mercury AA74_309012045 NONE	SW6010 - Metals	EMJA61309010000	ICP Digestion	1016930827080000		8/21/93	8/27/93		0/1/03
- Lead AAZ3_308301408 GFAA Digestion GDIG930827083000 8/21/93 - Mercury	1	AAZ3_308301727	GFAA Digestion	GD16930827083000			8/27/93		8/30/03
	•	AA73 308301408	GEAA Digestion	0002007000700			00/13/0		56/05/0
	- 1	AA74 309012045	NON E	000000100000000000000000000000000000000			6/2//93		8/30/93
- Calanium AA72 200202043 CTAR DISCLARATE CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRACT CONTRA	ı	AA72 200202042				8/21/93	9/1/93		9/1/93
	. !	AA43308302042	urAA Digestion	6016930827083000		8/21/93	8/27/93		8/30/93

B10-32

9/1/93

8/27/93

8/21/93

101G930827080000

ICP Digestion

EMJA61309010000

Sample ID : 07A~SB-02-EB-02 EB

SW6010 - Metals

FD = Field Duplicate

Spike Duplicate

MS = Matrix Spike MSD = M

N = Normal Sample

1994

Compiled: 21

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

SW7060 - Arsenic SW7421 - Lead AA23_308301727 SW7420 - Mercury SW7740 - Selenium AA24_309012045 SW7740 - Selenium AA23_308302042				CULLECTED FREFARED		LEACHED	אווארו
	GFAA Digestion GFAA Digestion NONE GFAA Digestion	GD16930827083000 GD16930827083000 GD16930827083000		8/21/93 8/21/93 8/21/93 8/21/93	8/27/93 8/27/93 9/1/93 8/27/93	 	8/30/93 8/30/93 9/1/93 8/30/93
			 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1	1 1 1 5 1 1 1 1
ics	3 METHOD 1 METHOD			10/2/93			10/7/93 10/6/93
SW8020 - Aromatic Volatile Organics GCJAY2310070958 SW8020 - Aromatic Volatile Organics GCTEX2310061111	NONE NONE			10/2/93 10/2/93			10/7/93 10/6/93
Sample ID : 08-GP-01-01 MSD					 	# 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1
- Halogenated Volatile Organics				10/2/93			10/7/93
SW8010 - Halogenated Volatile Organics GCTEX1310061111 SW8020 - Aromatic Volatile Organics GCJAY2310070958	1 METHOD 3 NONF			10/2/93			10/6/93
- Aromatic Volatile Organics				10/2/93			10/6/93
Sample ID : 08-GP-01-01 N							
Diesel Range Organics 90182	METHOD	90182		10/2/93	10/11/93		10/11/93
		90181		10/2/93	10/10/93		10/10/93
SW8010 - Halogenated Volatile Organics GCJAY1310070958	8 METHOD			10/2/93			10/7/93
- Nonhalogenated Volatile Organics		NA		10/2/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics CHGC3B310060800	D NONE	NA		10/2/93	10/6/93		10/6/93
SWB020 - Aromatic Volatile Organics GCJAY2310070958				10/2/93			10/7/93
- Aromatic Volatile Organics	1 NONE			10/2/93			10/6/93
SW8270 - Semivolatile Organics MSMSD2310110812	2 Set Funnel extraction	3510931006100000		10/2/93	10/6/93		10/11/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 08-GP-01-EB-01 EB								
Diesel Range Organics	90181	METHOD	90181		10/2/93	10/11/93		10/11/93
ഇ	90181	METHOD	90181		10/2/93	10/10/93		10/10/93
	GCJAY1310070958	METHOD			10/2/93			10/7/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/2/93			10/7/93
	CHGC3A310060800	NONE	NA		10/2/93	10/6/93		10/7/93
1	CHGC3B310060800	NONE	NA		10/2/93	10/6/93		10/7/93
1	GCJAY2310070958	NONE			10/2/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/2/93			10/7/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/2/93	10/6/93		10/11/93
Sample ID : 08-GP-02-01 N					1 1 1 1 1 1 1 1 1	; ; ; ; ; ; ; ; ; ; ; ;	! ! ! ! ! !	
Diesel Range Organics	90182	METHOD	90182		10/2/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/2/93	10/10/93		10/10/93
SW8010 - Halogenated Volatile Organics	GCTEX1310061111	METHOD			10/2/93			10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		10/2/93	10/6/93		10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/2/93	10/6/93		10/7/93
SW8020 - Aromatic Volatile Organics	GCJAY2310070958	NONE			10/2/93			10/7/93
SW8020 - Aromatic Volatile Organics	GCTEX2310061111	NONE			10/2/93			10/7/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/2/93	10/6/93		10/11/93
Sample ID : 08-GP-03-01 N				1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	t t t t t t t t t t t t t t t t t t t
Diesel Range Organics	90181	METHOD	90181		10/3/93	10/11/93		10/11/93
Gasoline Range Organics	90181	METHOD	90181		10/3/93	10/10/93		10/10/93
	GCTEX1310061111	METHOD			10/3/93			10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		10/3/93	10/6/93		10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/3/93	10/6/93		10/7/93
1	GCJAY2310070958	NONE			10/3/93			10/7/93
•	GCTEX2310061111	NONE			10/3/93			10/7/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931006100000		10/3/93	10/6/93		10/11/93
	} 1	.	*				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Compiled: 21

MSD =

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE PREPARED	DATE	DATE ANALYZED
Sample ID : 08-SB-01-EB-01 EB			·					
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93	 	10/9/93
Sample ID : 08-SW-01-01 N								
Diesel Range Organics	90168	METHOD	90168		9/29/93	10/7/93		10/7/93
F120 1 - Specific Conductance	G1-A-812-9/29/93	NONE			9/53/83			9/59/93
	G1-A-813-9/29/93	NONE			9/59/93			9/29/93
	G1-A-811-9/29/93	NONE			9/59/93			9/59/93
	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
- 1	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
t	GCPEA2310041056	NONE			9/29/93			10/4/93
1	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-01-DS-01 FD								
Diesel Banne Ornanics	90168	METHOD	90168		9/29/93	10/7/93		10/7/93
Gasoline Range Organics	90168	METHOD	90168		9/59/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/59/93	10/6/93		10/6/93
	CHGC3B310060800	NONE	NA		9/59/93	10/6/93		10/6/93
- 1	GCPEA2310041056	NONE			9/59/93			10/4/93
1	MSMSD2310080817	Set funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
i	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
Sample ID : 08-5W-01-05-01 M5								
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/59/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93
Compiled: 21 April 1994 N = Nor	N = Normal Sample MS = Matrix	Spike	MSD = Matrix Spike Duplicate	FD = Field Duplicate	cate			810-35

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE	DATE ANALYZED
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-01-DS-01 MSD					 	1 1 1 1 1 1 1 1 1		
SW8010 - Halogenated Volatile Organics	GCPFA1310041056	METHOD			0/00/03			10/4/00
ı	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/4/93
ı	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics SW8270 - Semivolatile Organics	GCPEA2310041056 MSMSD2310080817	NONE	3510031004100000		9/59/93	10/4/03		10/4/93
- !						10/4/93		10/6/33
Sample ID : 08-SW-01-DS-01 N								
E120.1 - Specific Conductance	61-A81D2-9/29/93	NONE			9/29/93			9/29/93
E150.1 - pH,Electrometric	G1-A81D3-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A81D1-9/29/93	NONE			9/29/93			9/59/93
Sample ID : 08-SW-02-01 N								
Diesel Range Organics	90168	METHOD	90168		9/29/93	10/7/93		10/7/93
E120.1 - Specific Conductance	G1-A-822-9/29/93	NONE			9/29/93			9/29/93
E150.1 - pH,Electrometric	61-A-823-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	61-A-821-9/29/93	NONE			9/59/93			9/29/93
ē	90168	METHOD	90168		9/59/93	10/9/93		10/9/93
1	GCPEA1310041056	METHOD			9/53/93			10/4/93
1	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
1	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
1	GCPEA2310041056	NONE			9/29/93			10/4/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
Sample ID : 08-SW-03-01 N								
Diesel Range Organics	90168	METHOD	90168		6/58/83	10/7/93		10/7/93
E120.1 - Specific Conductance	G1-A-832-9/29/93	NONE		•	9/59/93			9/29/93
Compiled: 21 N = N	= Normal Sample MS = Mat	= Matrix Spike MSD = N	Spike Duplicate	FD = Field Duplicate	a)			810-36

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

	ANALYTICAL	0011111	PREPARATION	LEACHATE	DATE		DATE	DATE
ANALYTICAL METHOD	BAICH ID	PREPARALION METHOD	BAICH ID	BAICH 10	COLLECTED	PKEPAKED	LEACHED	ANALYZEU
E150.1 - pH,Electrometric	G1-A-833-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	61-A-831-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/4/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/4/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		; 1 1 1 1 1 1	1		6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Sample ID : 09-MW-01-03 N

A403 - Alkalinity	G1-A-0-6/13/93	NONE		6/13/93		6/13/93
Diesel Range Organics	88964	METHOD	88964	6/13/93	6/21/93	6/21/93
E120.1 - Specific Conductance	G1-A-0-6/13/93	NONE		6/13/93		6/13/93
E150.1 - pH,Electrometric	G1-A-1-6/13/93	NONE		6/13/93		6/13/93
E170.1 - Temperature	61-A-2-6/13/93	NONE		6/13/93		6/13/93
E180.1 - Turbidity	G1-A-3-6/13/93	NONE		6/13/93		6/13/93
Gasoline Range Organics	88964	METHOD	88964	6/13/93	6/23/93	6/23/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000	6/13/93	6/21/93	6/23/93
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GD1G930623160000	6/13/93	6/23/93	6/30/93
SW7421 - Lead	AAZ2_306251600	GFAA Digestion	GD16930623160000	6/13/93	6/23/93	6/25/93
SW7470 - Mercury	AAZ3_306242300	NONE		6/13/93	6/24/93	6/24/93
SW7470 - Mercury	AAZ4_306242300	NONE		6/13/93	6/24/93	6/24/93
SW7740 - Selenium	AAZ4_307081152	GFAA Digestion	GD1G930623160000	6/13/93	6/23/93	7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306231533	METHOD		6/13/93		6/24/93
SW8010 - Halogenated Volatile Organics	GCTEX1306230530	METHOD		6/13/93		6/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA	6/13/93	6/18/93	6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA	6/13/93	6/18/93	6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE		6/13/93		6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE		6/13/93		6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7A306231200	Set Funnel extraction	3510930616155500	6/13/93	6/16/93	6/24/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC7B306231200	Set Funnel extraction	3510930616155500	6/13/93	6/18/93	6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000	6/13/93	6/18/93	6/22/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE	DATE	DATE
	1 1 1 1 1 1 1 1 1 1 1 1 1							
Sample ID : 09-MW-01-03 ND								
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/13/93	6/21/93		6/23/93
SW7470 - Mercury	AAZ3_306242300	NONE			6/13/93	6/24/93		6/24/93
SW7470 - Mercury	AAZ4_306242300	NONE			6/13/93	6/24/93		6/24/93
							1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sample ID : 09-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
Diesel Range Organics	88964	METHOD	88964		6/13/93	6/21/93		6/22/93
1	G1-A-0-6/13/93	NONE			6/13/93			6/13/93
E150.1 - pH, Electrometric	G1-A-1-6/13/93	NONE			6/13/93			6/13/93
	WLTDS_306161600	NONE			6/13/93	6/16/93		6/16/93
	G1-A-2-6/13/93	NONE			6/13/93			6/13/93
	61-A-3-6/13/93	NONE			6/13/93			6/13/93
ı	WLICXC306231300	NONE			6/13/93			6/23/93
Ā	WLICXS306231300	NONE			6/13/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/13/93			6/30/93
စ္တ	88964	METHOD	88964		6/13/93	6/21/93		6/21/93
1	EMJA61306222200	ICP Digestion	1016930621170000		6/13/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GD1G930623160000		6/13/93	6/23/93		6/30/93
t	AAZ2_306251600	GFAA Digestion	GD1G930623160000		6/13/93	6/23/93		6/25/93
1	AAZ3_306242300	NONE			6/13/93	6/24/93		6/24/93
1		NONE			6/13/93	6/24/93		6/24/93
ı	AAZ4_307090859	GFAA Digestion	GD1G930623160000		6/13/93	6/23/93		7/9/93
1	GCQUE1306231533	METHOD			6/13/93			6/24/93
ı	GCTEX1306230530	METHOD			6/13/93			6/24/93
•	CHGC3A306180800		NA		6/13/93	6/18/93		6/18/93
•	CHGC3B306180800	NONE	NA		6/13/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
1	GCKAY2306190024	NONE			6/13/93			6/19/93
1	CHGC7A306231200	Set Funnel extraction	3510930616155500		6/13/93	6/16/93		6/24/93
1	CHGC7B306231200	Set Funnel extraction	3510930616155500		6/13/93	6/18/93		6/24/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/13/93	6/18/93		6/22/93
	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE PREPARED	DATE LEACHED	DATE ANALYZED	
Sample ID : 09-MW-03-03 N									
A403 - Alkalinity	G1-A-0-6/14/93	NONE			6/14/93			6/14/93	
Diesel Range Organics	88964	METHOD	88964		6/14/93	6/21/93		6/22/93	
	G1-A-1-6/14/93	NONE			6/14/93			6/14/93	
E150.1 - pH, Electrometric	G1-A-2-6/14/93	NONE			6/14/93			6/14/93	
E170.1 - Temperature	G1-A-3-6/14/93	NONE			6/14/93			6/14/93	
E180.1 - Turbidity	G1-A-4-6/14/93	NONE			6/14/93			6/14/93	
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/22/93		6/22/93	
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/14/93	6/21/93		6/23/93	
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GD1G930625090000		6/14/93	6/22/93		7/2/93	
SW7421 - Lead	AAZ2_307060800	GFAA Digestion	6016930625090000		6/14/93	6/22/93		2/6/93	
SW7470 - Mercury	AAZ3_306242300	NONE			6/14/93	6/24/93		6/25/93	
SW7470 - Mercury	AAZ4_306242300	NONE			6/14/93	6/24/93		6/25/93	
SW7740 - Selenium	AAZ4_307141031	GFAA Digestion	6016930625090000		6/14/93	6/22/93		7/14/93	
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93	
SW8010 - Halogenated Volatile Organics	GCTEX1306222319	METHOD			6/14/93			6/23/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93	
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93	
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930617120300		6/14/93	6/11/93		6/23/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930617120300		6/14/93	6/11/93		6/23/93	
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/14/93	6/18/93	 	6/22/93	
Sample ID : 09-MW-04-03 N									
A403 - Alkalinitv	G1-A-0-6/14/93	NONE			6/14/93			6/14/93	
Diesel Range Organics	88964	METHOD	88964		6/14/93	6/21/93		6/22/93	
E120.1 - Specific Conductance	G1-A-1-6/14/93	NONE			6/14/93			6/14/93	
E150.1 - pH, Electrometric	G1-A-2-6/14/93	NONE		•	6/14/93			6/14/93	
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/14/93	6/18/93		6/18/93	
E170.1 - Temperature	G1-A-3-6/14/93	NONE			6/14/93			6/14/93	
E180.1 - Turbidity	G1-A-4-6/14/93	NONE			6/14/93			6/14/93	
E300 - Anions	WLICXC306231300	NONE	•		6/14/93			6/23/93	

B10-39

FD = Field Duplicate

MS = Matrix Spike MSD = Matrix Spike Duplicate

N = Normal Sample

Compiled: 21 April 1994

	ANALYTICAL		PREPARATION	LEACHATE	DATE	DATE	DATE	DATE
ANALYTICAL METHOD	BATCH ID	PREPARATION METHOD	BATCH ID	BATCH ID	COLLECTED PREPARED	PREPARED	LEACHED	ANALYZED
	!		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	 	1 1 1 1 1
E300 - Anions	WLICXS306231300	NONE			6/14/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/14/93			6/30/93
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/23/93		6/23/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/14/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GD1G930625090000		6/14/93	6/22/93		7/2/93
SW7421 - Lead	AAZ2_307060800	GFAA Digestion	GD1G930625090000		6/14/93	6/22/93		7/6/93
SW7470 - Mercury	AAZ3_306242300	NONE			6/14/93	6/24/93		6/22/93
SW7470 - Mercury	AAZ4_306242300	NONE			6/14/93	6/24/93		6/25/93
SW7740 - Selenium	AAZ4_307141031	GFAA Digestion	GDIG930625090000		6/14/93	6/22/93		7/14/93
SW8010 - Halogenated Volatile Organics	GCQUE1306271713	METHOD			6/14/93			6/28/93
SW8010 - Halogenated Volatile Organics	GCTEX1306222319	METHOD			6/14/93			6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/14/93			6/19/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306221200	Set Funnel extraction	3510930617120300		6/14/93	6/11/93		6/23/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306221200	Set Funnel extraction	3510930617120300		6/14/93	6/11/93		6/23/93
SW8270 - Semivolatile Organics	MSMSD2306220822	Set Funnel extraction	3510930618112000		6/14/93	6/18/93		6/22/93
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sample ID : 09-MW-04-03 ND								
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/14/93	6/18/93		6/18/93
	8 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	 	1 1 1 1	1	  -  -
Sample ID : 09-MW-05-03 N								
A403 - Alkalinity	G1-A-0-6/14/93	NONE			6/14/93			6/14/93
Diesel Range Organics	88964	METHOD	88964		6/14/93	6/21/93		6/22/93
i	G1-A-1-6/14/93	NONE			6/14/93			6/14/93
E150.1 - pH,Electrometric	G1-A-2-6/14/93	NONE			6/14/93			6/14/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/14/93	6/18/93		6/18/93
E170.1 - Temperature	G1-A-3-6/14/93	NONE			6/14/93			6/14/93
E180.1 - Turbidity	G1-A-4-6/14/93	NONE			6/14/93			6/14/93
E300 - Anions	WLICXC306231300	NONE			6/14/93			6/23/93
E300 - Anions	WLICXS306231300	NONE			6/14/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/14/93			6/30/93
Compiled: 21 A 1994 N = Norr	= Normal Sample MS = Matrix S	rix Spike MSD = M	Spike Duplicate	FD = Field Duplicate	icate			810-40
		-						

	ANAI YTTCAI		PREPARATION	LEACHATE	DATE	DATE	DATE	DATE
ANALYTICAL METHOD	BATCH ID	PREPARATION METHOD	BATCH ID	BATCH ID	COLLECTED	PREPARED	LEACHED	ANALYZED
	i i i i i			: : : : : : : : : : : : : : : : : : : :			 	2070070
Gasoline Range Organics	88964	METHOD	88964		6/14/93	6/22/93		6/27/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/14/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3_307020800	GFAA Digestion	GD1G930625090000		6/14/93	6/22/93		7/2/93
1	AAZ2_307060800	GFAA Digestion	6016930625090000		6/14/93	6/22/93		7/6/93
	AAZ3 306242300	NONE			6/14/93	6/24/93		6/25/93
•	AAZ4 306242300	NONE			6/14/93	6/24/93		6/25/93
- 1	AAZ4 307141031	GFAA Digestion	GDIG930625090000		6/14/93	6/22/93		7/14/93
•	GCQUE1306271713	METHOD			6/14/93			6/28/93
	GCTEX1306230530	METHOD			6/14/93			6/24/93
•	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
1	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
ı	GCKAY1306190024	NONE			6/14/93			6/19/93
	GCKAY2306190024	NONE			6/14/93			6/19/93
ı	CHGC6A306221200	Set Funnel extraction	3510930617120300		6/14/93	6/11/93		6/24/93
ı	CHGC6B306221200		3510930617120300		6/14/93	6/11/93		6/24/93
- 1	MSMSD2306220822	Funnel	3510930618112000		6/14/93	6/18/93		6/22/93
Sample ID : 09-MW-06-03 N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
A403 - Alkalinity	61-A-0-6/14/93	NONE			6/14/93			6/14/93
Diesel Range Organics	88964	. WETHOD	88964		6/14/93	6/21/93		6/22/93
	G1-A-1-6/14/93	NONE			6/14/93			6/14/93
	G1-A-2-6/14/93	NONE			6/14/93			6/14/93
	G1-A-3-6/14/93	NONE			6/14/93			6/14/93
ı	G1-A-4-6/14/93	NONE			6/14/93			6/14/93
a	88964	METHOD	88964		6/14/93	6/22/93		6/22/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930621170000		6/14/93	6/21/93		6/23/93
SW7060 - Arsenic	AAZ3 307020800	GFAA Digestion	GD1G930625090000		6/14/93	6/22/93		7/2/93
- 1	AAZ2_307060800	GFAA Digestion	GD1G930625090000		6/14/93	6/52/93		7/6/93
ı	AAZ3 306242300	NONE			6/14/93	6/24/93		6/22/93
ı	1	NONE			6/14/93	6/24/93		6/25/93
1		GFAA Digestion	GD16930625090000		6/14/93	6/22/93		7/14/93
•	GC0UE1306271713	METHOD			6/14/93			6/28/93
	GCTEX1306230530	METHOD			6/14/93			6/24/93
ı	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
- 1	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93

FD = Field Duplicate

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE PREPARED	DATE LEACHED	DATE ANALYZED
SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8270 - Semivolatile Organics	GCKAY1306190024 GCKAY2306190024 CHGC6A306221200 CHGC6B306221200 MSMSD2306220822	NONE NONE Set Funnel extraction Set Funnel extraction Set Funnel extraction	3510930617120300 3510930617120300 3510930618112000		6/14/93 6/14/93 6/14/93 6/14/93 6/14/93	6/17/93 6/17/93 6/18/93	 	6/19/93 6/19/93 6/24/93 6/24/93 6/22/93
Sample ID : 09-MW-06-03 ND SW7060 - Arsenic SW7421 - Lead SW7740 - Selenium	AAZ3307020800 AAZ2307060800 AAZ4307141031	GFAA Digestion GFAA Digestion GFAA Digestion	GD16930625090000 GD16930625090000 GD16930625090000		6/14/93 6/14/93 6/14/93	6/25/93 6/25/93 6/25/93		7/2/93 7/6/93 7/14/93
Sample ID : 09-MW-15-01 MS SW8010 - Halogenated Volatile Organics SW8020 - Aromatic Volatile Organics	GCJAY1309231030 GCJAY2309231030	METHOD NONE			9/14/93 9/14/93			9/23/93
Sample ID : 09-MW-15-01 MSD SW8010 - Halogenated Volatile Organics SW8020 - Aromatic Volatile Organics	GCJAY1309231030 GCJAY2309231030	METHOD NONE			9/14/93			9/23/93
Sample ID : 09-MW-15-01 N A403 - Alkalinity Diesel Range Organics E120.1 - Specific Conductance E150.1 - pH,Electrometric E160.1 - Residue, Filterable (TDS)	G1-A-0-9/14/93 90018 G1-A-3-9/14/93 G1-A-2-9/14/93 WLTDS 309170300	NONE METHOD NONE NONE	90018		9/14/93 9/14/93 9/14/93 9/14/93	9/22/93		9/14/93 9/23/93 9/14/93 9/14/93
a Par	WLTSS_309170300 G1-A-1-9/14/93 WLICXC309251400 WLICXS309251300	NONE NONE NONE			9/14/93 9/14/93 9/14/93 9/14/93	9/17/93		9/17/93 9/14/93 9/25/93 9/25/93
Compiled: 21 N = 1	= Normal Sample MS = Matrix	rix Spike MSD = (	Spike Duplicate	FD = Field Duplicate	ıte			810-42

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE	DATE ANALYZED
E353.1 - Nitrate-Nitrite Gasoline Range Organics	WLTRAC310111600	NONE	90018		9/14/93	9/24/93		10/11/93
SW6010 - Metals	EMJA61309240100	ICP Digestion	IDIG930921081500		9/14/93	9/21/93		9/24/93
SW7060 - Arsenic	AAZ3_309290855	GFAA Digestion	GD1G930921080000		9/14/93	9/21/93		9/29/93
SW7421 - Lead	AAZ1_309281100	GFAA Digestion	GD1G930921080000		9/14/93	9/21/93		9/28/93
SW7470 - Mercury		NONE			9/14/93	9/23/93		9/23/93
SW7740 - Selenium	AAZ3_310071045	GFAA Digestion	GD1G930921080000		9/14/93	9/21/93		10/7/93
ı	GCTEX1309221032	METHOD			9/14/93			9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/14/93	9/24/93		9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/14/93			9/23/93
SW8020 - Aromatic Volatile Organics	GCTEX2309221032 MSMSD1309230953	NONE Set Funnel extraction	3510930920110000		9/14/93	9/20/03		9/23/93
00 MI 16 01							 	
Sample ID : US-MW-IS-UI NU								
E160.1 - Residue, Filterable (TDS)	WLTDS_309170300	NONE			9/14/93	9/17/93		9/17/93
Sample ID : 09-SB-01-ŁB-04 LB								
Gasoline Range Organics	89654	METHOD	89654		8/14/93	8/23/93		8/23/93
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	6016930827083000		8/14/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3_308301408	GFAA Digestion	GD1G930827083000		8/14/93	8/27/93		8/30/93
SW8240 - Volatile Organics	V0A*93228	METHOD			8/14/93			8/18/93
SW8270 - Semivolatile Organics	MSMSD1308221135	Set Funnel extraction	3510930819123600		8/14/93	8/19/93		8/22/93
Sample ID : 09-SB-01-EB-04 EBD								
SW8240 - Volatile Organics	93228	METHOD			8/14/93			8/18/93
Sample ID : 10-GP-01-01 N								
Diesel Range Organics	90182	МЕТНОО	90182		10/3/93	10/11/93		10/11/93
Compiled: 21 April 1994 N = N	Normal Sample MS = Matrix	Spike MSD	= Matrix Spike Duplicate	FD = Field Duplicate	licate			B10-43

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE PREPARED	DATE	DATE
Gasoline Range Organics	90181	METHOD	90181	1 1 1 1 1 1 1 1	10/3/93	10/10/93		10/10/93
Sample ID : 10-GP-02-01 N						: : : : : : : : : : : : : : : : : : :	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	; ; ; ; ; ; ; ; ; ; ;
Diesel Range Organics Gasoline Range Organics	90182 90181	METHOD METHOD	90182 90181		10/3/93 10/3/93	10/11/93 10/10/93		10/11/93 10/10/93
Sample ID : 10-MW-01-03 MS			, , , , , , , , , , , , , , , , , , ,					
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	МЕТНОО		,	6/8/93			6/16/93
Sample ID : 10-MW-01-03 MSD					1 1 1 1 1 1 1 1	 	   1   2   2   1   1   1	]   1   1   1   1   1   1   1   1   1
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	МЕТНОВ			6/8/93			6/16/93
Sample ID : 10-MW-01-03 N			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;				
A403 - Alkalinity	G1-A-0-6/08/93	NONE			6/8/93			6/8/93
	88937	METHOD	88937		6/8/93	6/16/93		6/17/93
1	G1-A-1-6/08/93	NONE			6/8/93			6/8/93
ı	G1-A-2-6/08/93				6/8/93			6/8/93
E160.1 - Residue, Filterable (TDS)	WLTDS_306181600	NONE			6/8/93	6/18/93		6/18/93
E170.1 - Temperature E180.1 - Turbidity	G1-A-3-6/08/93	NONE			6/8/93			6/8/93
E300 - Anions	WLICXC306231300	NONE			6/8/93			6/23/93
	WL1CXS306231300	NONE			6/8/93			6/23/93
E353.1 - Nitrate-Nitrite	WLTRAC306301700	NONE			6/8/93			6/30/93
Gasoline Range Organics	88937	METHOD	88937		6/8/93	6/11/93		6/17/93
1	EMJA61306222200	ICP Digestion	IDIG930617080000		6/8/93	6/11/93		6/23/93
1	AAZ3_306300800	GFAA Digestion	GD1G930623160000		6/8/93	6/23/93		6/30/93
	AAZ2_306251600	GFAA Digestion	GD1G930623160000		6/8/93	6/23/93		6/25/93
ı	AAZ4_306220000	NONE			6/8/93	6/21/93		6/22/93
SW//40 - Selenium	AAZ4307090859	GFAA Digestion	6016930623160000		6/8/93	6/23/93		7/9/93

FD = Field Duplicate

Spike Duplicate

MS = Matrix Spike MSD = M

N = Normal Sample

Compiled: 21 A

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE PREPARED	DATE LEACHED	DATE ANALYZED	
	GCPEA1306201359	METHOD	1 1 1 1 1 1		6/8/93	 		6/21/93	
ı	GCQUE1306211026	METHOD			6/8/93			6/21/93	
SW8010 - Halogenated Volatile Organics	GCTEX1306152237	METHOD			6/8/93			6/16/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/8/93	6/14/93		6/15/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/8/93	6/14/93		6/15/93	
SW8020 - Aromatic Volatile Organics	GCKAY2306211455	NONE			6/8/93			6/22/93	
SW8020 - Aromatic Volatile Organics	GCTEX2306152237	NONE			6/8/93			6/16/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/8/93	6/11/93		6/19/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306181200	Set Funnel extraction	3510930611162000		6/8/93	6/11/93		6/19/93	
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500		6/8/93	6/14/93		6/15/93	
SW8270 - Semivolatile Organics	MSMSD2306160814	Set Funnel extraction	3510930614100500		6/8/93	6/14/93		6/16/93	
		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1	6 1 1 1 1 1 1 1 1 1	! ! ! ! ! ! ! !	[	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!
Sample ID : 10-MW-02-03 N									
A403 - Alkalinity	G1-A-0-6/08/93	NONE			6/8/93			6/8/93	
Diesel Range Organics	88937	METHOD	88937		6/8/93	6/16/93		6/11/93	
E120.1 - Specific Conductance	G1-A-1-6/08/93	NONE			6/8/93			6/8/93	
E150.1 - pH,Electrometric	G1-A-2-6/08/93	NONE			6/8/93			6/8/93	
E170.1 - Temperature	G1-A-3-6/08/93	NONE			6/8/93			6/8/93	
E180.1 - Turbidity	G1-A-4-6/08/93	NONE			6/8/93			6/8/93	
Gasoline Range Organics	88937	METHOD	88937		6/8/93	6/11/93		6/17/93	
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000		6/8/93	6/11/93		6/23/93	
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	6016930623160000		6/8/93	6/23/93		6/30/93	
SW7421 - Lead	AAZ2_306251600	GFAA Digestion	GD16930623160000		6/8/93	6/23/93		6/25/93	
SW7470 - Mercury	AAZ4_306220000	NONE			6/8/93	6/21/93		6/22/93	
SW7740 - Selenium	AAZ4307090859	GFAA Digestion	GD16930623160000		6/8/93	6/23/93		7/9/93	
SW8010 - Halogenated Volatile Organics	GCPEA1306201359	METHOD			6/8/93			6/21/93	
SW8010 - Halogenated Volatile Organics	GCQUE1306211026	METHOD			6/8/93			6/21/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	·NONE			6/8/93	6/14/93		6/15/93	
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/8/93	6/14/93		6/15/93	
SW8020 - Aromatic Volatile Organics	GCKAY1306190024	NONE			6/8/93			6/19/93	
SW8020 - Aromatic Volatile Organics	GCKAY2306190024	NONE			6/8/93			6/19/93	
SW8020 - Aromatic Volatile Organics	GCTEX2306152237	NONE			6/8/93			6/16/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306181200	Set Funnel extraction	3510930611162000		6/8/93	6/11/93		6/19/93	
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306181200	Funnel	3510930611162000		6/8/93	6/11/93		6/19/93	
SW8270 - Semivolatile Organics	MSMSD2306150816	Set Funnel extraction	3510930614100500		6/8/93	6/14/93		6/15/93	

FD = Field Duplicate

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 10-MW-03-03 N						 	: : : : : : :	
A403 - Alkalinity	G1-A-0-6/07/93	NONE			6/1/93			6/1/93
Diesel Range Organics	88865	METHOD	88865		6/1/93	6/15/93		6/16/93
E120.1 - Specific Conductance	G1-A-1-6/07/93	NONE			6/1/93			6/1/93
E150.1 - pH, Electrometric	G1-A-2-6/07/93	NONE			6/1/93			6/7/93
E170.1 - Temperature	G1-A-3-6/07/93	NONE			6/1/93			6/1/93
E180.1 - Turbidity	G1-A-4-6/07/93	NONE			6/1/93			6/1/93
Gasoline Range Organics	88865	METHOD	88865		6/1/93	6/16/93		6/16/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000		6/1/93	6/11/93		6/23/93
SW7060 - Arsenic	AAZ3_306300800	GFAA Digestion	GD1G930623160000		6/1/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2_306251600	<b>GFAA</b> Digestion	6016930623160000		6/1/93	6/23/93		6/25/93
SW7470 - Mercury	AAZ4_306172100	NONE			6/1/93	6/11/93		6/18/93
SW7740 - Selenium	AAZ4_307080820	GFAA Digestion	GDIG930623160000		6/1/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4_307081152	GFAA Digestion	GD1G930623160000		6/7/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/1/93			6/10/93
SW8010 - Halogenated Volatile Organics	GCTEX1306141311	METHOD			6/1/93			6/15/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/1/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/1/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/1/93			6/10/93
SW8020 - Aromatic Volatile Organics	GCQUE2306141634	NONE			6/1/93			6/14/93
SW8020 - Aromatic Volatile Organics	GCTEX2306141311	NONE			6/1/93			6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/1/93	6/10/93		6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/1/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/1/93	6/10/93		6/14/93

E353.1 - Nitrate-Nitrite

Sample ID : 10-MW-04-01 MS

Sample ID : 10-MW-04-01 MSD

NONE
WLTRAC310081900
E353.1 - Nitrate-Nitrite

141
NONE
081900
81

NONE

WLTRAC310081900

810-46

10/8/93

9/12/93

10/8/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE	DATE ANALYZED
Sample ID : 10-MW-04-01 N								
AAA3 - Alkalinitv	G1-A-0-9/12/93	NONE			9/12/93			9/12/93
	89999	METHOD	89999		9/12/93	9/22/93		9/22/93
	G1-A-3-9/12/93	NONE			9/12/93			9/12/93
	G1-A-2-9/12/93	NONE		•	9/12/93			9/12/93
- 1	WLTDS_309170300	NONE			9/12/93	9/17/93		9/17/93
1	WLTSS_309170300	NONE			9/12/93	9/17/93		9/17/93
	G1-A-1-9/12/93	NONE			9/12/93			9/12/93
Ą	WLICXC309251400	NONE			9/12/93			9/25/93
- 1	WLICXS309251300	NONE			9/12/93			9/25/93
-	WLTRAC310081900	NONE			9/12/93			10/8/93
_	89999	METHOD	89999		9/12/93	9/21/93		9/21/93
SW6010 - Metals	EMJA61309171000	ICP Digestion	1016930915081500		9/12/93	9/15/93		9/17/93
SW7060 - Arsenic	AAZ3_309171648	GFAA Digestion	GD16930915081500		9/12/93	9/15/93		9/17/93
1	AAZ1_309161600	GFAA Digestion	6016930915081500		9/12/93	9/15/93		9/16/93
- 1	AAZ2_309201600	GFAA Digestion	6016930915081500		9/12/93	9/15/93		9/20/93
•	AAZ4_309142145	NONE			9/12/93	9/14/93		9/14/93
1	AAZ3_309172036	GFAA Digestion	GD16930915081500		9/12/93	9/15/93		9/17/93
1	GCJAY1309150130	METHOD			9/12/93			9/15/93
ı	CHGC3A309240800	NONE	NA		9/12/93	9/24/93		9/24/93
- 1	CHGC3B309240800	NONE	NA		9/12/93	9/24/93		9/24/93
ı	GCJAY2309150130	NONE			9/12/93			9/15/93
SW8020 - Aromatic Volatile Organics	GCPEA2309201524	NONE			9/12/93			9/21/93
1	MSMSD1309201450	Set Funnel extraction	3510930916132500	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9/12/93	9/16/93		9/20/93
Sample ID : 10-MW-04-01 ND								
-								
E353.1 - Nitrate-Nitrite	WLTRAC310081900	NONE		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9/12/93			10/8/93
							-	
Gasoline Range Organics	89642	METHOD	89642		8/12/93	8/18/93		8/18/93
Compiled: 21 April 1994 N = No	= Normal Sample MS = Ma	= Matrix Spike MSD = Matrix	MSD = Matrix Spike Duplicate	FD = Field Duplicate	icate			B10-47

	ANIALVATION			1	1	1	1	
ANALYTICAL METHOD	BATCH ID	PREPARATION METHOD	PREPARALIUN BATCH ID	LEACHAIE BATCH ID	DAIE COLLECTED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
	 		1 1 1 1 1 1 1 1 1	1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	GD1G930827083000		8/12/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3_308301408	GFAA Digestion	GD1G930827083000		8/12/93	8/21/93		8/30/93
SW8240 - Volatile Organics	V0A*93228	METHOD			8/12/93			8/18/93
SW8270 - Semivolatile Organics	MSMSD1308190856	Set Funnel extraction	3510930817104500		8/12/93	8/17/93		8/19/93
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
Sample IO : 10-SB-04-EB-04 EBD								
SW8240 - Volatile Organics	93228	МЕТНОО			8/12/93			8/18/93
<pre></pre>			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sample IO : 10-SS-12-EB-01 EB								
SW7060 - Arsenic	AAZ3308301727	GFAA Digestion	GD16930827083000		8/13/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3308301408	GFAA Digestion	6016930827083000		8/13/93	8/27/93		8/30/93
<pre></pre>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Sample ID : 11-SS-10-EB-01 EB								
SW7060 - Arsenic	AAZ3_308301727	GFAA Digestion	GD16930827083000		8/21/93	8/27/93		8/30/93
SW7421 - Lead	AAZ3308301408	GFAA Digestion	GD1G930827083000		8/21/93	8/27/93		8/30/93
Sample ID : 12-MW-01-03 N								
A403 - Alkalinity	G1-A-0-6/06/93	NONE			6/9/9			6/6/93
ž	88865	METHOD	88865		6/9/9	6/15/93		6/16/93
1	G1-A-1-6/06/93	NONE			6/9/9			6/9/93
1	61-A-2-6/06/93	NONE			6/9/9			6/6/93
t	G1-A-3-6/06/93	NONE			6/9/9			6/6/93
	61-A-4-6/06/93	NONE			6/9/9			6/6/93
ည	88865	METHOD	88865		6/9/9	6/15/93		6/15/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000		6/9/93	6/11/93		6/23/93
1	AAZ3_306300800	GFAA Digestion	GD1G930623160000		6/9/9	6/23/93		6/30/93
1		GFAA Digestion	6016930623160000		6/9/9	6/23/93		6/25/93
1	- 1	NONE			6/9/9	6/11/93		6/17/93
SW7740 - Selenium	AAZ4307090859	GFAA Digestion	GD1G930623160000		6/9/9	6/23/93		7/9/93
Compiled: 21 N = Nor	= Normal Sample MS = Mat	MS = Matrix Spike MSD = N	Spike Duplicate	FD = Field Duplicate	ate			810-48

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE PREPARED	DATE	DATE ANALYZED
SW8010 - Halogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8270 - Semivolatile Organics SW8210 - Polynuclear Aromatic Hydrocarbons	GCQUE1306091614 CHGC3A306140800 CHGC3B306140800 GCQUE2306091614 CHGC6A306141200 CHGC6B306141200 MSMSDZ306140820 CHLCC_306221200	METHOD NONE NONE Set Funnel extraction Set Funnel extraction Set Funnel extraction Set Funnel extraction	3510930610145900 3510930610145900 3510930610100000 3520930610165000		6/6/93 6/6/93 6/6/93 6/6/93 6/6/93 6/6/93	6/14/93 6/14/93 6/10/93 6/10/93 6/10/93	1	6/9/93 6/14/93 6/14/93 6/9/93 6/15/93 6/15/93 6/15/93
Sample ID : 12-MW-01-03 ND SW7470 - Mercury	AAZ4_306172100	NONE			£6/9/9	6/11/93		6/17/93
Sample ID : 12-MW-02-03 N								
A403 - Alkalinity	G1-A-0-6/07/93	NONE	,		6/1/93			6/1/93
	88865	METHOD	88865		6/7/93	6/15/93		6/16/93
	G1-A-1-6/07/93 G1-A-2-6/07/93	NONE			6/7/93			6/7/93
E130.1 - ph.Electrometric E170.1 - Temperature	G1-A-3-6/07/93	NONE			6/7/93			6/7/93
	G1-A-4-6/07/93	NONE			6/1/93			6/7/93
Gasoline Range Organics	88865	METHOD	88865		6/1/93	6/15/93		6/15/93
SW6010 - Metals	EMJA61306222200	ICP Digestion	1016930617080000		6/1/93	6/11/93		6/23/93
1		GFAA Digestion	GD16930623160000		6/1/93	6/23/93		6/30/93
SW7421 - Lead	AAZ2306251600 AAZ4_306172100	GFAA Digestion NONF	GD1G930623160000		6/7/93	6/23/93		6/25/93
1	AAZ4_307080820	GFAA Digestion	GD1G930623160000		6/7/93	6/23/93		7/8/93
SW7740 - Selenium	AAZ4_307081152	GFAA Digestion	GD1G930623160000		6/1/93	6/23/93		7/8/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/1/93			6/10/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/1/93	6/14/93		6/14/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306140800	NONE			6/1/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/1/93			6/10/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/1/93	6/10/93		6/15/93
SW8080 - Organochlorine Pesticides and PCBs	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/1/93	6/10/93		6/15/93
SW8270 - Semivolatile Organics	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/7/93	6/10/93		6/14/93

B10-49

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate

Compiled: 21 April 1994

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE PREPARED	DATE	DATE ANALYZED
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/1/93	6/10/93	1 1 1 1 1 1	6/22/93
Sample ID : 12-MW-02-DS-03 FD		1	I	: : : : : : : : : : : : : : : : : : :				
Diesel Range Organics	88865	METHOD	88865		6/1/93	6/15/93		6/16/93
Gasoline Range Organics	88865	METHOD	88865		6/1/93	6/15/93		6/15/93
1	EMJA61306222200	ICP Digestion	1016930617080000		6/1/93	6/11/93		6/23/93
t	AAZ3306300800	GFAA Digestion	6016930623160000		6/1/93	6/23/93		6/30/93
ı	AAZ2_306251600	GFAA Digestion	GD1G930623160000		6/1/93	6/23/93		6/25/93
ı	AAZ4_306172100	NONE			6/1/93	6/11/93		6/18/93
1	AAZ4_307080820	GFAA Digestion	6016930623160000		6/1/93	6/23/93		7/8/93
•	AAZ4_307081152	GFAA Digestion	GDIG930623160000		6/1/93	6/23/93		7/8/93
	GCQUE1306091614	METHOD			6/1/93			6/10/93
1	GCTEX1306141311	METHOD			6/1/93			6/15/93
1	CHGC3A306140800	NONE			6/1/93	6/14/93		6/14/93
1	CHGC3B306140800	NONE			6/1/93	6/14/93		6/14/93
1	GCQUE2306091614	NONE			6/1/93			6/10/93
1	CHGC6A306141200	Set Funnel extraction	3510930610145900		6/1/93	6/10/93		6/15/93
t	CHGC6B306141200	Set Funnel extraction	3510930610145900		6/1/93	6/10/93		6/15/93
ı	MSMSD2306140820	Set Funnel extraction	3510930610100000		6/1/93	6/10/93		6/14/93
SW8310 - Polynuclear Aromatic Hydrocarbons	CHLCC_306221200	SW3520 - Liquid/liquid	3520930610165000		6/1/93	6/10/93		6/22/93
					1 1 1 1 1 1 1 1 1 1 1 1 1	 	; ; ; ; ; ; ; ; ;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sample ID : 12-MW-02-DS-03 FDy								
A403 - Alkalinity	G1-A-0-6/07/93	NONE			6/1/93			6/1/93
1	G1-A-1-6/07/93	NONE			6/1/93			6/7/93
1	G1-A-2-6/07/93	NONE			6/1/93			6/1/93
1	G1-A-3-6/07/93	NONE			6/1/93			6/1/93
E180.1 - Turbidity	G1-A-4-6/07/93	NONE			6/7/93			6/7/93
Sample ID : 22-GP-01-01 N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
Sample IO : 22-GP-01-01 N								

810-50

FD = Field Duplicate

Spike Duplicate

MSD = M

MS = Matrix Spike

N = Normal Sample

1994

Compiled: 21

90182

METHOD NONE

90182 G1-A-12-9/29/93

E120.1 - Specific Conductance

Diesel Range Organics

10/11/93 9/29/93

9/29/93 10/11/93 9/29/93

ADJULTIN TAXABLE AND AND AND AND AND AND AND AND AND AND	ANALYTICAL	COLLEGE MOTTAGAGGGG	PREPARATION	LEACHATE	DATE		DATE	DATE
ANALYIICAL METHUU	6A1CH 1U	FREFARALIUN MEINUU	BAICH IU	BAICH 10	COLLECTED	PKEPAKEU	LEACHED	ANAL 7 2 EU
E150.1 - pH,Electrometric	G1-A-13-9/29/93	NONE			9/59/93			9/29/93
E170.1 - Temperature	G1-A-11-9/29/93	NONE			9/29/93			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/29/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/5/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/59/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/5/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/59/93	10/4/93		10/8/93
SW8270 - Semivolatile Organics	MSMSD2310110812	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/11/93
Sample ID : 22-GP-02-01 N				 	 	; ; ; ; ; ; ; ; ; ;	: : : : : : : : : : : : : : : : : : :	6 6 8 8 3 3 4 1 1 2 5 5 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
								:
Diesel Range Organics	90182	METHOD	90182		9/29/93	10/11/93		10/11/93
E120.1 - Specific Conductance	G1-A-22-9/29/93	NONE			9/59/93			9/29/93
E150.1 - pH,Electrometric	G1-A-23-9/29/93	NONE			9/29/93			9/29/93
E170.1 - Temperature	G1-A-21-9/29/93	NONE			9/53/83			9/29/93
Gasoline Range Organics	90168	METHOD	90168		9/59/93	10/9/93		10/9/93
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/5/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93		10/6/93
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/5/93
SW8270 - Semivolatile Organics	MSMSD2310080817	Set Funnel extraction	3510931004100000		9/29/93	10/4/93		10/8/93
							! ! ! ! ! !	
Sample ID : 22-GP-03-01 MS								
SW8020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
				,		0 6 1 1 1 1 1	\$ ! ! ! ! ! !	, , , , , , , , , , , , , , , , , , ,
Sample ID : 22-GP-03-01 MSD								
SWB020 - Aromatic Volatile Organics	GCJAY2310050831	NONE			9/29/93			10/5/93
		. 1	6 6 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	. E T E & \$ \$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4 4 1 1		                             

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : 22-GP-03-01 N	 		1 1 1 1 1 1 1	i f f l i i	; ; ; ; ; ; ; ;	1 2 3 5 6 6 6 6	 	 
Diesel Range Organics E120.1 - Specific Conductance E150.1 - pH,Electrometric E170.1 - Temperature	90182 G1-A-32-9/29/93 G1-A-33-9/29/93 G1-A-31-9/29/93	METHOD NONE NONE NONE	90182		9/29/93 9/29/93 9/29/93 9/29/93	10/11/93		10/11/93 9/29/93 9/29/93 9/29/93
த ப	90168 GCPEA1310041056 CHGC3A310060800	METHOD METHOD NONE	90168 NA		9/29/93 9/29/93 9/29/93	10/9/93		10/9/93 10/5/93 10/6/93
SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics SW8270 - Semivolatile Organics	CHGC3B310060800 GCJAY2310050B31 GCPEA2310041056 MSMSD2310080B17	NONE NONE NONE Set Funnel extraction	NA 3510931004100000		9/29/93 9/29/93 9/29/93 9/29/93	10/6/93		10/6/93 10/5/93 10/5/93 10/8/93
Sample ID : 4DRUMS MS								
SW8240 - Volatile Organics SW8240 - Volatile Organics	MSMSDA310041045 MSMSDA310050934	METHOD METHOD		TCTCLP309301630 TCTCLP309301630	9/22/93		9/30/93	10/5/93 10/5/93
Sample ID : 4DRUMS MSD								
SW8240 - Volatile Organics SW8240 - Volatile Organics	MSMSDA310041045 MSMSDA310050934	METHOD METHOD		TCTCLP309301630 TCTCLP309301630	9/22/93	i t i i i i i	9/30/93	10/5/93
Sample ID : 4DRUMS N							•	
SW8240 - Volatile Organics SW8240 - Volatile Organics	MSMSDA310041045 MSMSDA310050934	METHOD METHOD		TCTCLP309301630 TCTCLP309301630	9/22/93		9/30/93	10/5/93
Sample ID : AB-01 AB								
Gasoline Range Organics SW8240 - Volatile Organics	89642 VOA*93228	METHOD METHOD	89642		8/11/93 8/11/93	8/18/93		8/18/93 8/18/93
Compiled: 21 N = No	= Normal Sample MS = Matrix	rix Spike MSD = (	Spike Duplicate	FD = Field Duplicate	te			810-52

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH 10	DATE DATE COLLECTED PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : AB-01 ABD							
SW8240 - Volatile Organics	93228	метнор			8/11/93	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8/18/93
Sample ID : AB-01 MSD							
SW8240 - Volatile Organics SW8240 - Volatile Organics	93228 VOA*93228	METHOD METHOD			8/11/93 8/11/93	i 1 3 1 1 1 1	8/18/93 8/18/93
Sample ID : AB-02 AB							
Gasoline Range Organics SW8240 - Volatile Organics	89642 VOA*93228	METHOD METHOD	89642		8/12/93 8/18/93 8/12/93	1 1 1 1 1 1 1	8/18/93 8/18/93
Sample ID : AB-02 ABD							
SW8240 - Volatile Organics	93228	метнор		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8/12/93	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8/18/93
Sample 1D : AB-03 AB							
Gasoline Range Organics SW8240 - Volatile Organics	89654 V0A*93228	мЕТНОD МЕТНОD	89654	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8/14/93 8/23/93 8/14/93		8/23/93 8/18/93
Sample ID : AB-03 ABD							
SW8240 - Volatile Organics	93228	МЕТНОО			8/14/93	1 1 1 1 1 1 1 1	8/18/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED		DATE LEACHED A	DATE
Sample ID : AB-04 AB							1 	
Gasoline Range Organics SW8240 - Volatile Organics	89718 VOA*93238	METHOD METHOD	89718		8/19/93 8 8/19/93	8/19/93	<b>ω</b> ω	8/19/93 8/25/93
Sample ID : AB-04 ABD				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ; ; ; ; ; ; ;	s t t t t t t t t	[	1 1 1 1 1 1 1 1 1 1 1 1
SW8240 - Volatile Organics	93238	METHOD			8/19/93		80	8/25/93
Sample ID : AB-06 AB					; ; ; ; ; ; ;		[             	1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics	89718	METHOD	89718			8/19/93	80	8/19/93
SW8010 - Halogenated Volatile Organics SW8010 - Halogenated Volatile Organics	GCJAY1308311239 GCTFX1308231220	METHOD			8/19/93		∞ α	8/31/93
1	GCTEX2308231220	NONE			8/19/93		ο αο	8/24/93
Sample ID : AB-07 AB					; 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 6 6 1 1 1 1 1	 	
Gasoline Range Organics	90018	METHOD	90018		9/14/93	9/24/93	6	9/24/93
1	GCJAY1309231030	METHOD			9/14/93		<b>о</b>	9/23/93
1	GCTEX1309221032	METHOD					6	9/23/93
1	CHGC3A309240800	NONE	NA			9/24/93	6	9/24/93
SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics	CHGC3B309240800 GCTEX2309221032	NONE	NA		9/14/93 9	9/24/93	തെത	9/24/93 9/23/93
Sample ID : AB-08 AB								
Gasoline Range Organics	90018	METHOD	90018	٠	9/15/93	9/24/93	on.	9/24/93
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD					, o	9/23/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93		6	9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/15/93	9/24/93	6	9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/15/93	9/24/93	6	9/24/93
Compiled: 21 N = Norma	= Normal Sample MS = Matrix	rix Spike MSD = M	Spike Duplicate	FD = Field Duplicate	Ð			810-54

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED P	DATE PREPARED	DATE	DATE ANALYZED
SWB020 - Aromatic Volatile Organics	GCJAY2309231030	NONE	1		9/15/93		1 1 3 8 1 1 1	9/23/93
Sample ID : AB-09 AB					:	1 1 5 6 6 6 8	i I I I I I I	
Gasoline Range Organics	90018	METHOD	90018		9/15/93 9	9/24/93		9/24/93
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD						9/24/93
	CHGC3A309240800	NONE	NA :			9/24/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics	CHGC3B309240800 GCJAY2309231030	NONE	<b>V</b>		9/15/93 9 9/15/93	9/24/93		9/24/93 9/24/93
Sample ID : AB-10 AB								!
Gasoline Range Organics	90051	METHOD	90051		9/16/93	9/22/93		9/25/93
SW8010 - Halogenated Volatile Organics	GCJAY1309241442	METHOD			9/16/93			9/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD			9/16/93			9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		-	9/24/93		9/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA		9/16/93	9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93		1 1 2 3 4 9 9	9/24/93
Sample ID : AB-11 AB								
Gasoline Range Organics	90051	METHOD	90051			9/25/93		9/25/93
SW8010 - Halogenated Volatile Organics	GCJAY1309241442	METHOD			9/16/93			9/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD						9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA			9/24/93		9/25/93
ı	CHGC3B309240800	NONE	NA			9/24/93		9/25/93
SW8020 - Aromatic Volatile Organics	GCTEX2309231506	NONE			9/16/93	1		9/24/93
Sample ID : BA-01 AB								
Gasoline Range Organics	88937	METHOD	88937		6/9/93	6/18/93		6/18/93
SW8010 - Halogenated Volatile Organics	GCQUE1306211026	METHOD			6/6/93			6/21/93
SW8010 - Halogenated Volatile Organics	GCTEX1306141311	METHOD			6/9/93			6/15/93
Compiled: 21 April 1994 N = Nor	= Normal Sample MS = Matrix	Spike	MSD = Matrix Spike Duplicate	FD = Field Duplicate	ıte			B10-55

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	=	DATE	DATE ANALYZED
SW8015 - Nonhalogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics V'SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics	CHGC3A306140800 CHGC3B306140800 GCKAY2306211455 GCTEX2306141311	NONE NONE NONE			£6/6/9 £6/6/9 £6/6/9	6/14/93		6/15/93 6/15/93 6/22/93 6/15/93
Sample ID : BA-O2 AB								
த ப	88937 GCQUE1306231533	METHOD METHOD	88937		6/9/93 86/6/9	6/18/93		6/18/93 6/23/93
SW8010 - Halogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics	GCTEX1306152237 CHGC3A306140800 CHGC3B306140800 GCTEX2306152237	ME I HOU NONE NONE NONE			£6/6/9 £6/6/9	6/14/93	1 1 1 1 2 3 1	6/16/93 6/15/93 6/15/93 6/16/93
Sample ID : BA-O3 AB								
Gasoline Range Organics	88938	METHOD	88938		6/11/93	6/18/93	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6/18/93
Sample ID : BA-04 AB								
Gasoline Range Organics SW8010 - Halogenated Volatile Organics SW8010 - Halogenated Volatile Organics	88964 GCQUE1306231533 GCTEX1306230530	METHOD METHOD METHOD	88964		6/14/93 6/14/93 6/14/93	6/22/93		6/22/93 6/24/93 6/24/93
SW8015 - Nonhalogenated Volatile Organics SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics	CHGC3A306180800 CHGC3B306180800 GCKAY1306190024 GCKAY2306190024	NONE NONE NONE	N N A		6/14/93 6/14/93 6/14/93 6/14/93	6/18/93		6/18/93 6/18/93 6/19/93 6/19/93
Sample ID : BA-05 AB								
Gasoline Range Organics SW8010 - Halogenated Volatile Organics SW8010 - Halogenated Volatile Organics	88964 GCQUE1306271713 GCTEX1306230530	METHOD METHOD METHOD	88964		6/14/93 6/14/93 6/14/93	6/22/93		6/22/93 6/28/93 6/24/93
Compiled: 21 N = Nc	Normal Sample MS = Matrix	crix Spike MSD = (	spike Duplicate	FD = Field Duplicate	licate			810-56

TABLE B-10 DATE AND BATCH SUMMARY, WATER SAMPLES, GALENA 1993 EVENT

SW8015 - Nonhalogenated Volatile Organics CHGC3A306180800 SW8015 - Nonhalogenated Volatile Organics CHGC3B306180800 SW8020 - Aromatic Volatile Organics GCKAY1306190024 SW8020 - Aromatic Volatile Organics GCKAY2306190024	•	PREPARATION METHOD	BATCH ID	BATCH ID	COLLECTED	COLLECTED PREPARED	LEACHED	ANALYZED
		NONE NONE NONE	NA NA		6/14/93 6/14/93 6/14/93 6/14/93	6/18/93		6/19/93 6/19/93 6/19/93 6/19/93
ID : BA-06 AB - Halogenated Volatile Organics		METHOD			6/15/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics CHGC3A306180800 SW8015 - Nonhalogenated Volatile Organics CHGC3B306180800 SW8020 - Aromatic Volatile Organics GCKAY1306211455 SW8020 - Aromatic Volatile Organics		NONE NONE NONE	N A A		6/15/93 6/15/93 6/15/93 6/15/93	6/18/93 6/18/93		6/19/93 6/19/93 6/22/93 6/22/93
Sample ID : BA-07 AB				; ; 1 ; ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !		 	 	
Gasoline Range Organics 89008 SW8010 - Halogenated Volatile Organics GCQUE1306291223 SW8010 - Halogenated Volatile Organics GCTEX1306250629		METHOD METHOD METHOD	80068		6/16/93 6/16/93 6/16/93	6/30/93		6/30/93 6/30/93 6/25/93
SW8015 - Nonhalogenated Volatile Organics CHGC3A306230800 SW8015 - Nonhalogenated Volatile Organics CHGC3B306230800 SW8020 - Aromatic Volatile Organics GCKAY1306221300 SW8020 - Aromatic Volatile Organics GCKAY2306221300		NONE NONE NONE NONE	N A A		6/16/93 6/16/93 6/16/93 6/16/93	6/23/93		6/23/93 6/23/93 6/23/93 6/23/93
Sample ID : BA-08 AB								
Gasoline Range Organics 89008 SW8010 - Halogenated Volatile Organics GCQUE1306241717		METHOD METHOD	89008		6/17/93 6/17/93	7/1/93		7/1/93 6/25/93
SW8015 - Nonhalogenated Volatile Organics CHGC3A306230800 CW8015 - Nonhalogenated Volatile Organics CHGC3R306230R00		NONE	NA NA		6/17/93	6/23/93		6/24/93
- Aromatic Volatile Organics - Aromatic Volatile Organics		NONE			6/17/93 6/17/93 6/17/93			6/23/93 6/23/93 6/23/93

	100111							
ANALYTICAL METHOD	ANALYIICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE Prepared	DATE LEACHED	DATE ANALYZED
1	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ; ;	 		 	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Sample IO : BA-09 AB								
Gasoline Range Organics	89008	METHOD	89008		6/11/93	7/1/93		7/1/93
	GCQUE1306241717	METHOD			6/11/93			6/25/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306230800	NONE	NA		6/11/93	6/23/93		6/24/93
SW8U15 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/11/93	6/23/93		6/24/93
SW8UZU - Aromatic Volatile Urganics SW8U2U - Aromatic Volatilo Organics	GCKAY1306221300	NONE			6/17/93			6/23/93
	GCAA12306221300	NUNE	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;		6/17/93	; ; ;		6/23/93
Sample ID : BT-01 TB								
	1							
dasoline Kange Urganics	88865	METHOD	88865		6/9/9	6/15/93		6/15/93
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/9/9			6/9/93
SW8U15 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/9/9	6/14/93		6/14/93
	CHGC3B306140800	NONE			6/9/9	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/6/93			6/9/93
							 	1 1 1 1 1 1 1 1 1 1 1 1
Sample ID : BT-02 TB								
SW8010 - Halogenated Volatile Organics	GCQUE1306091614	METHOD			6/7/93			6/10/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A306140800	NONE			6/7/93	6/14/93		6/14/93
1	CHGC3B306140800	NONE			6/1/93	6/14/93		6/14/93
SW8020 - Aromatic Volatile Organics	GCQUE2306091614	NONE			6/1/93			6/10/93
Sample ID : BT-03 TB			 	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;		; ; ; ; ; ; ;	1 1 1 1 1 1	
Gasoline Range Organics	88937	METHOD	88937		6/8/93	6/18/93		6/18/93
1	GCPEA1306201359	METHOD			6/8/93			6/21/93
t	GCQUE1306211026	METHOD			6/8/93			6/21/93
1	GCTEX1306141311	METHOD			6/8/93			6/14/93
1	CHGC3A306140800	NONE			6/8/93	6/14/93		6/15/93
1	CHGC3B306140800	NONE			6/8/93	6/14/93		6/15/93
SW8UZU - Aromatic Volatile Urganics	GC1EXZ306141311	NONE			6/8/93			6/14/93
Compiled: 21	of Cample Mc - Mat.	1 200 -11-0	1 0 21. B 12					

	מו שורשו	PREPARATION METHOD	BATCH ID 	BATCH 1D 	COLLECTED PREPARED		LEACHED	ANALYZED 
Sample IO : BT-04 TB	; ; ; ; ; ; ; ;		; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	1	1 f 1 1 1 1 1 1 1 1 1 1 1	i 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1
Halogenated Volatile Organics	GCQUE1306231533	METHOD			6/9/93			6/23/93
SW8010 - Halogenated Volatile Urganics GUIEALSU SW8015 - Nonhalogenated Volatile Organics CHGC3A30	GC1EX1305152237 CHGC3A306140800	ME I HUD NONE			6/9/93 6/9/93	6/14/93		6/15/93 6/15/93
- Nonhalogenated Volatile Organics - Aromatic Volatile Organics	CHGC3B306140800 GCTEX2306152237	NONE			6/6/9 86/6/9	6/14/93		6/15/93 6/16/93
Sample ID : BT-05 TB								
Gasoline Range Organics 88938		METHOD	88938		6/10/93	6/18/93		6/18/93
Sample ID : BT-06 TB								
		METHOD	88964		6/13/93	6/22/93		6/22/93
- Halogenated Volatile Organics	GCQUE1306231533 CHGC2A206180800	METHOU	VIV		6/13/93	6/19/02		6/24/93 6/18/03
SW8015 - Nonhalogenated Volatile Urganics - ChucsAss SW8015 - Nonhalogenated Volatile Organics - CHGC3830	CHGC3B306180800	NONE	NA NA		6/13/93 6/13/93	6/18/93 6/18/93		6/18/93 6/18/93
- Aromatic Volatile Organics	GCKAY1306190024	NONE			6/13/93			6/19/93
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	GCKAY2306190024	NONE			6/13/93	***************************************		6/19/93
Sample ID : BT-07 TB								
SW8010 - Halogenated Volatile Organics GCQUE130	GCQUE1306271713	METHOD			6/14/93			6/28/93
	GCTEX1306230530	METHOD			6/14/93			6/24/93
ics	CHGC3A306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8015 - Nonhalogenated Volatile Organics CHGC3B3	CHGC3B306180800	NONE	NA		6/14/93	6/18/93		6/18/93
SW8020 - Aromatic Volatile Organics GCKAY13	GCKAY1306190024	NONE			6/14/93			6/19/93
SW8020 - Aromatic Volatile Organics GCKAY23	GCKAY2306190024	NONE			6/14/93	-		6/19/93

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED	DATE PREPARED	DATE LEACHED	DATE ANALYZED
Sample ID : BT-08 TB				)    -  -  -  -  -  -				 
	GCQUE1306241717 CHGC3A306180800	METHOD NONE	NA		6/15/93 6/15/93	6/18/93		6/25/93 6/19/93
SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics	CHGC3B306180800 GCKAY1306211455 GCKAY2306211455	NONE NONE	N A		6/15/93 6/15/93 6/15/93	6/18/93		6/19/93 6/22/93 6/22/93
Sample ID : BT-09 TB								
Gasoline Range Organics	89008	METHOD	89008		6/16/93	6/30/93		6/30/93
SW8010 - Halogenated Volatile Organics	GCQUE1306291223	METHOD			6/16/93			6/30/93
SW8010 - Halogenated Volatile Urganics SW8015 - Nonhalogenated Volatile Organics	GC1EX1306250629 CHGC3A306230800	ME I HOU NONE	Ϋ́		6/16/93 6/16/93	6/23/93		6/25/93 6/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B306230800	NONE	NA		6/16/93	6/23/93		6/23/93
ı	GCKAY1306221300	NONE			6/16/93			6/23/93
SW8020 - Aromatic Volatile Organics	GCKAY2306221300	NONE	1		6/16/93	1		6/23/93
Sample IO : BT-10 TB								
1	GCQUE1306241717	METHOD			6/11/93			6/25/93
t	CHGC3A306230800	NONE	NA		6/11/93	6/23/93		6/24/93
ı	CHGC3B306230800	NONE	NA		6/11/93	6/23/93		6/24/93
SW8020 - Aromatic Volatile Organics	GCKAY1306221300	NONE			6/17/93			6/23/93
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0/1//93			0/ 23/ 93
Sample ID : BT-11 TB								
Gasoline Range Organics	89475	METHOD	89475		7/29/93	8/4/93		8/4/93
1	GCPEA1308101540	METHOD			7/29/93			8/11/93
1	CHGC3A308060800	NONE	NA		7/29/93	8/6/93		8/6/93
ŧ	CHGC3B308060800	NONE	NA		7/29/93	8/6/93		8/6/93
SW8020 - Aromatic Volatile Organics	GCKAY1308091931	NONE			7/29/93			8/10/93
Compiled: 21 N = Norm	= Normal Sample MS = Matrix	rix Spike MSD =	k Spike Duplicate	FD = Field Duplicate	ate			810-60

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE	DATE DATE COLLECTED PREPARED	DATE LEACHED	DATE ANALYZED
SW8020 - Aromatic Volatile Organics	GCKAY2308091931	NONE			7/29/93			8/10/93
Sample ID : BT-12 TB								
SW8010 - Halomenated Volatile Organics	GCPEA1308161047	METHOD			8/10/93			8/11/93
	CHGC3A308170800	NONE	NA		8/10/93	8/17/93		8/17/93
- 1	CHGC3B308170800	NONE	NA		8/10/93	8/17/93		8/11/83
SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics	GCJAY2308171217 GCPEA2308161047	NONE		; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	8/10/93 8/10/93		 	8/18/93 8/17/93
Sample ID : RATB-01 TB								
SW8240 - Volatile Organics	VOA*93157	METHOD			9/11/93			9/15/93
Sample ID : TB-01-02 TB								
Ordenice	89601	METHOD	89601		8/9/93	8/11/93		8/17/93
SW8240 - Volatile Organics	V0A*93224	МЕТНОО			8/9/93		1 1 1 1 1	8/16/93
Sample ID : TB-01-02 TBD								
SW8240 - Volatile Organics	93224	МЕТНОВ		: : : : : : : : : : : : : : : : : : :	8/6/83		1	8/16/93
Sample ID : TB-02-02 TB								
Gasoline Range Organics	89642	METHOD	89642		8/11/93	8/18/93		8/18/93
SW8240 - Volatile Organics	V0A*93228	METHOD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8/11/93		1	8/18/93
Sample ID : TB-02-02 TBD								
SW8240 - Volatile Organics	93228	METHOD			8/11/93			8/18/93
Compiled: 21 April 1994 N =	= Normal Sample MS = Ma	= Matrix Spike MSD = Matr	MSD = Matrix Spike Duplicate	FD = Field Duplicate	licate			810-61

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATI	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE DATE COLLECTED PREPARED		DATE LEACHED A	DATE ANALYZED
Sample ID : TB-03-02 TB									
Gasoline Range Organics SW8240 - Volatile Organics	89654 VOA*93228	METHOD METHOD		89654		8/13/93 8/13/93	8/23/93	& &	8/23/93 8/18/93
Sample ID : TB-03-02 TBD		1 1 1 1 1 1 1 1 1 1 1 1	 	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		: : : : : : : : : : : : : :	1 1 1 1 1 1 1 5 5 8 8 8 8	! ! ! ! !	
SW8240 - Volatile Organics	93228	METHOD	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			8/13/93		ω.	8/18/93
Sample ID : TB-04-02 TB									
Gasoline Range Organics SW8240 - Volatile Organics	89718 VOA*93238	METHOD METHOD	·	89718		8/17/93 8/17/93	8/17/93	& &	8/17/93 8/25/93
Sample ID : TB-04-02 TBD									
SW8240 - Volatile Organics	93238	METHOD				8/17/93		٣	8/25/93
Sample ID : TB-06-02 TB									
Gasoline Range Organics SW8010 - Halogenated Volatile Organics SW8020 - Aromatic Volatile Organics	89718 GCTEX1308242018 GCTEX2308242018	METHOD 8 METHOO 8		89718		8/19/93 8/19/93 8/19/93	8/19/93	& & & .	8/19/93 8/25/93 8/25/93
Sample ID : TB-07-02 TB									
Gasoline Range Organics	89999	METHOD		89999		9/12/93	9/21/93	6	9/21/93
1	GCJAY1309150130					9/12/93		G	9/15/93
	CHGC3A309240800			NA		9/12/93	9/24/93	63	9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	O NONE	,	NA		9/12/93	9/24/93	5	9/24/93
Compiled: 21 N = Norma	= Normal Sample MS =	MS = Matrix Spike	MSD = (	Spike Duplicate	FD = Field Duplicate	te			810-62

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED PR	DATE DATE PREPARED LEACHED	DATE
SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics	GCJAY2309150130 GCPEA2309201524	NONE	1	1 1 1 1 1 1 1	9/12/93		9/15/93
Sample ID : TB-08-02 TB							
SW8010 - Halogenated Volatile Organics	GCJAY1309201444	METHOD	:				9/21/93
SW8015 - Nonhalogenated Volatile Organics CUR015 - Nonhalogenated Volatile Organics	CHGC3A309240800 CHGC3B309240800	NONE	A A		9/13/93 9/ 9/13/93 9/	9/24/93 9/24/93	9/24/93 9/24/93
	GCDAY2309201444 GCPEA2309211943	NONE					9/21/93 9/22/93
Sample ID : TB-09-02 TB							
Gasoline Range Organics	90018	METHOD	90018		9/14/93 9/	9/24/93	9/24/93
SW8010 - Halogenated Volatile Organics	GCTEX1309221032	METHOD			9/14/93		9/23/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA			9/24/93	9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA			9/24/93	9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/14/93		9/23/93
SW8020 - Aromatic Volatile Organics	GCTEX2309221032	NONE			9/14/93	                     	9/23/93
Sample ID : TB-10-02 TB							
SW8010 - Halogenated Volatile Organics	GCJAY1309231030	METHOD			9/15/93		9/24/93
SW8010 - Halogenated Volatile Organics	GCPEA1309241313	METHOD			9/15/93		9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA			9/24/93	9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B309240800	NONE	NA			9/24/93	9/24/93
SW8020 - Aromatic Volatile Organics	GCJAY2309231030	NONE			9/15/93		9/24/93
Sample ID : TB-11-02 TB							
Gasoline Range Organics	90051	метнор	90051		9/16/93 9,	9/25/93	9/25/93
SW8010 - Halogenated Volatile Organics	GCTEX1309231506	METHOD					9/24/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A309240800	NONE	NA		9/16/93 9/	9/24/93	9/25/93
Compiled: 21 April 1994 N = No	= Normal Sample MS = Matrix	Spike MSD	= Matrix Spike Duplicate	FD = Field Duplicate	ite		B10-63

ANALYTICAL METHOD	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID	LEACHATE BATCH ID	DATE COLLECTED	DATE DATE COLLECTED PREPARED	DATE LEACHED	DATE ANALYZED
SW8015 - Nonhalogenated Volatile Organics SW8020 - Aromatic Volatile Organics SW8020 - Aromatic Volatile Organics	CHGC3B309240800 GCJAY2309241442 GCTEX2309231506	NONE NONE NONE	NA .	 	9/16/93 9/16/93 9/16/93	9/24/93		9/25/93 9/25/93 9/24/93
Sample ID : TB-13-02 TB		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	1 1 1 1 1 1 1 1 1 1 1 1		i   		
SW8020 - Aromatic Volatile Organics	GCPEA2310041056	NONE			9/29/93			10/5/93
Sample ID : TB-14-02 TB								
SW8010 - Halogenated Volatile Organics	GCPEA1310041056	METHOD			9/29/93			10/5/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	NA		9/53/63	10/6/93		10/6/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		9/29/93	10/6/93	; ; ; ;	10/6/93
Sample ID : TB-20-01 TB								
SW8015 - Nonhalogenated Volatile Organics	CHGC3A310060800	NONE	MA		10/3/93	10/6/93		10/7/93
SW8015 - Nonhalogenated Volatile Organics	CHGC3B310060800	NONE	NA		10/3/93	10/6/93		10/7/93

Compiled: 21

ATTACHMENT C - APPENDIX B

#### ATTACHMENT C - APPENDIX B

Table A-1.1

Detailed Listing of Liquid Blanks Results - 1994 Water Samples

DATE	SAMPLE	BATCH	BECH T	DETECTION	LINTTO	DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	nod : AK101 - Gasoline /te : Gasoline Range C					
-	ank : Ambient Blank	or garries				
9/15/94		58677A01	5.00 (	JB) 50.0	ug/L	1
9/15/94 	G94-AB-01 			·		
	Total Number of Blan Total Number above D			tration Range: n Detection Limit	5.00 - = 50.0	5.00
Analy	nod : AK101 - Gasoline vte : Gasoline Range O					
ype of Bla	ınk : Method Blank					
9/15/94	METHOD BLANK	58677A01		JB) 50.0	ug/L	1
9/17/94	METHOD BLANK	58683A01		JB) 50.0	ug/L	1
9/17/94	METHOD BLANK	58684A01	•	JB) 50.0	ug/L	1
9/19/94	METHOD BLANK	58700A01		JB) 50.0	ug/L	1
9/21/94	METHOD BLANK	58710A01	•	IB) 50.0	ug/L	1
9/21/94	METHOD BLANK	58711A01		JB) 50.0	ug/L	1
			/ -	10) 50 0	4.	1
9/27/94 	METHOD BLANK	58738A01	0.00 (3	JB) 50.0	ug/L 	1
9/27/94 	Total Number of Blan	ks = 7	Concent	ration Range:	0.00 -	3.00
9/27/94 		ks = 7	Concent		0.00 -	
	Total Number of Blan Total Number above D	uks = 7 Detection Limit = 0	Concent	ration Range:	0.00 -	
Meth	Total Number of Blan Total Number above D nod : AK101 - Gasoline	ks = 7 letection Limit = 0 : Range Organics	Concent	ration Range:	0.00 -	
Meth Analy	Total Number of Blan Total Number above D	ks = 7 letection Limit = 0 : Range Organics	Concent	ration Range:	0.00 -	
Meth Analy ype of Bla	Total Number of Blan Total Number above D nod : AK101 - Gasoline te : Gasoline Range O	ks = 7 letection Limit = 0 : Range Organics	Concent	ration Range: n Detection Limit	0.00 -	
Meth Analy ype of Bla 9/15/94	Total Number of Blan Total Number above D nod : AK101 - Gasoline vte : Gasoline Range O nok : Trip Blank	eks = 7  Detection Limit = 0  Range Organics  Organics	Concent Maximum	ration Range: n Detection Limit	0.00 - = 50.0	3.00
Meth Analy ype of Bla 9/15/94 9/17/94	Total Number of Blan Total Number above D  nod : AK101 - Gasoline vte : Gasoline Range O  nnk : Trip Blank  G94-TB-01	e Range Organics Organics S8677A01	Concent Maximum	cration Range: n Detection Limit  0) 50.0 0B) 50.0	0.00 - = 50.0	3.00
Meth Analy ype of Bla 9/15/94 9/17/94 9/17/94	Total Number of Blan Total Number above D  nod : AK101 - Gasoline rte : Gasoline Range O  nnk : Trip Blank  G94-TB-01 G94-TB-03	eks = 7  Detection Limit = 0  Range Organics  Organics  58677A01 58684A01	Concent Maximum 17.0 (2	cration Range: n Detection Limit  0) 50.0 0B) 50.0	0.00 - = 50.0 ug/L ug/L	3.00 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/17/94 9/19/94	Total Number of Blan Total Number above D  nod : AK101 - Gasoline  rte : Gasoline Range O  nnk : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	ks = 7 letection Limit = 0 Range Organics lrganics 58677A01 58684A01 58683A01	Concent Maximum 17.0 (2 0.00 (2	Tration Range:  Detection Limit  0) 50.0  0B 50.0  0 50.0  0B 50.0	0.00 - = 50.0 ug/L ug/L ug/L	3.00 1 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/19/94 9/19/94	Total Number of Blan Total Number above D  nod : AK101 - Gasoline  rte : Gasoline Range O  nnk : Trip Blank  694-TB-01  694-TB-03  694-TB-02  694-TB-04	ks = 7 letection Limit = 0 Range Organics lrganics 58677A01 58684A01 58683A01 58700A01	Concent Maximum 17.0 (3 0.00 (3 27.0 (3 1.00 (3	Tration Range: In Detection Limit  10) 50.0 118) 50.0 118) 50.0 118) 50.0 118) 50.0	0.00 - = 50.0 ug/L ug/L ug/L ug/L	3.00 1 1 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/19/94 9/21/94 9/22/94	Total Number of Blan Total Number above D  nod : AK101 - Gasoline rte : Gasoline Range O  nnk : Trip Blank  694-TB-01 694-TB-03 694-TB-04 694-TB-06	## Range Organics	Concent  Maximum  17.0 (3  0.00 (3  27.0 (3  1.00 (3  0.00 (3	Tration Range: The Detection Limit  The Detection Limit  The Detection Limit  The Detection Limit  The Detection Limit  The Detection Limit  The Detection Limit  The Detection Limit  The Detection Limit  The Detection Limit	0.00 - = 50.0 ug/L ug/L ug/L ug/L ug/L	3.00 1 1 1 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/19/94 9/21/94 9/22/94	Total Number of Blan Total Number above D  nod: AK101 - Gasoline rte: Gasoline Range O unk: Trip Blank  694-TB-01 694-TB-03 694-TB-02 694-TB-04 694-TB-06 694-TB-05 694-TB-07	Range Organics Prganics  58677A01 58684A01 58683A01 58710A01 58711A01 58738A01	Concent  Maximum  17.0 (2 0.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00	Tration Range:  Detection Limit  0) 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0	0.00 - = 50.0 ug/L ug/L ug/L ug/L ug/L ug/L	3.00 1 1 1 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/19/94 9/21/94 9/22/94	Total Number of Blan Total Number above D  nod : AK101 - Gasoline rte : Gasoline Range O nnk : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-06 G94-TB-05 G94-TB-07	Range Organics Prganics  58677A01 58684A01 58683A01 58710A01 58711A01 58738A01	Concent  Maximum  17.0 (2 0.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00	Tration Range:  Detection Limit  0) 50.0  0B) 50.0  0B) 50.0  0B) 50.0  0B) 50.0  0B) 50.0  0B) 50.0	0.00 - = 50.0 ug/L ug/L ug/L ug/L ug/L ug/L	3.00 1 1 1 1 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/17/94 9/19/94 9/21/94 9/22/94 9/27/94	Total Number of Blan Total Number above D  nod: AK101 - Gasoline rte: Gasoline Range O nnk: Trip Blank  G94-TB-01 G94-TB-03 G94-TB-04 G94-TB-06 G94-TB-05 G94-TB-07  Total Number of Blan Total Number above D	## Range Organics ## Range Organics ## S8677A01 ## 58684A01 ## 58683A01 ## 58710A01 ## 58738A01 ## 58738A01 ## 58738A01 ## 58738A01	Concent  Maximum  17.0 (2 0.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00	Tration Range:  Detection Limit  0) 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0	0.00 - = 50.0 ug/L ug/L ug/L ug/L ug/L ug/L	3.00 1 1 1 1 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/17/94 9/21/94 9/22/94 9/22/94 9/27/94	Total Number of Blam Total Number above D  nod: AK101 - Gasoline rte: Gasoline Range O nnk: Trip Blank  G94-TB-01 G94-TB-03 G94-TB-04 G94-TB-04 G94-TB-05 G94-TB-05 G94-TB-07  Total Number of Blan Total Number above D	Range Organics Paganics  58677A01 58684A01 58683A01 5870A01 58711A01 58738A01	Concent  Maximum  17.0 (2 0.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00	Tration Range:  Detection Limit  0) 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0	0.00 - = 50.0 ug/L ug/L ug/L ug/L ug/L ug/L	3.00 1 1 1 1 1 1
Meth Analy ype of Bla 9/15/94 9/17/94 9/17/94 9/21/94 9/22/94 9/27/94 	Total Number of Blan Total Number above D  nod: AK101 - Gasoline rte: Gasoline Range O nnk: Trip Blank  G94-TB-01 G94-TB-03 G94-TB-04 G94-TB-06 G94-TB-05 G94-TB-07  Total Number of Blan Total Number above D	Range Organics Paganics  58677A01 58684A01 58683A01 5870A01 58711A01 58738A01	Concent  Maximum  17.0 (2 0.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00	Tration Range:  Detection Limit  0) 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0  0B 50.0	0.00 - = 50.0 ug/L ug/L ug/L ug/L ug/L ug/L	3.00 1 1 1 1 1 1
Meth Analy Type of Bla 9/15/94 9/17/94 9/17/94 9/21/94 9/22/94 9/27/94 	Total Number of Blam Total Number above D  nod: AK101 - Gasoline rte: Gasoline Range O nnk: Trip Blank  G94-TB-01 G94-TB-03 G94-TB-04 G94-TB-06 G94-TB-05 G94-TB-07  Total Number of Blan Total Number above D  nod: AK102 - Diesel R rte: Diesel Range Org	Range Organics Paganics  58677A01 58684A01 58683A01 5870A01 58711A01 58738A01	Concent  Maximum  17.0 (2 0.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00 (2 1.00	Tration Range: n Detection Limit  0) 50.0 0B) 50.1	0.00 - = 50.0 ug/L ug/L ug/L ug/L ug/L ug/L	3.00 1 1 1 1 1 1

Analyte Type of Blank  09/20/94  09/21/94  09/22/94  09/30/94   Method Analyte	ID  d: AK102 - Diesel Ra e: Diesel Range Orga k: Method Blank, con  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  Total Number of Blank  Total Number above De  d: SW6010 - Metals e: Aluminum k: Method Blank	58684B01 58700B01 58710B01 58711B01 58738B01	Conc		100 100 100 100 100 100	ug/L ug/L ug/L ug/L ug/L 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analyte Type of Blank 09/20/94 09/21/94 09/21/94 09/30/94 Method Analyte Type of Blank	e : Diesel Range Orga k : Method Blank, con  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  Total Number of Blank  Total Number above De  d : SW6010 - Metals e : Aluminum	58684B01 58700B01 58710B01 58711B01 58738B01	0.00 0.00 0.00 17.0 Conc	(JB) (JB) (JB) (JB)	100 100 100 100 	ug/L ug/L ug/L ug/L 	1 1 1
Analyta  ype of Blank  9/20/94  9/21/94  9/22/94  9/30/94  Method  Analyta  ype of Blank	e : Diesel Range Orga k : Method Blank, con  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  Total Number of Blank  Total Number above De  d : SW6010 - Metals e : Aluminum	58684B01 58700B01 58710B01 58711B01 58738B01	0.00 0.00 0.00 17.0 Conc	(JB) (JB) (JB) (JB)	100 100 100 100 	ug/L ug/L ug/L ug/L 	1 1 1
9/20/94 9/21/94 9/21/94 9/22/94 9/30/94 	k : Method Blank, con  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  METHOD BLANK  Total Number of Blank  Total Number above De  .  d : SW6010 - Metals  e : Aluminum	58684B01 58700B01 58710B01 58711B01 58738B01	0.00 0.00 0.00 17.0 Conc	(JB) (JB) (JB) (JB)	100 100 100 100 	ug/L ug/L ug/L ug/L 	1 1 1
9/20/94 9/21/94 9/21/94 9/22/94 9/30/94  Method Analyte	METHOD BLANK METHOD BLANK METHOD BLANK METHOD BLANK METHOD BLANK Total Number of Blank Total Number above De  d: SW6010 - Metals e: Aluminum	58684B01 58700B01 58710B01 58711B01 58738B01	0.00 0.00 0.00 17.0 Conc	(JB) (JB) (JB) (JB)	100 100 100 100 	ug/L ug/L ug/L ug/L 	1 1 1
09/21/94 09/21/94 09/22/94 09/30/94 	METHOD BLANK METHOD BLANK METHOD BLANK METHOD BLANK  Total Number of Blank Total Number above De  . d : SW6010 - Metals e : Aluminum	58700B01 58710B01 58711B01 58738B01	0.00 0.00 0.00 17.0 Conc	(JB) (JB) (JB) (JB)	100 100 100 100 	ug/L ug/L ug/L ug/L 	1 1 1
09/21/94 09/22/94 09/30/94  Method Analyte	METHOD BLANK METHOD BLANK METHOD BLANK  Total Number of Blank Total Number above De  . d : SW6010 - Metals e : Aluminum	58700B01 58710B01 58711B01 58738B01	0.00 0.00 0.00 17.0 Conc	(JB) (JB) (JB) (JB)	100 100 100 100 	ug/L ug/L ug/L ug/L 	1 1 1
09/22/94 09/30/94  Method Analyte Type of Blank	METHOD BLANK  METHOD BLANK  Total Number of Blank  Total Number above De  . d : SW6010 - Metals e : Aluminum	58711B01 58738B01 s = 7	0.00 0.00 17.0 Conc	(JB) (JB) (JB) 	100 100 100 ion Range:	ug/L ug/L ug/L 	1 1 1
9/30/94  Methoc Analyte	METHOD BLANK  Total Number of Blank Total Number above De  . d : SW6010 - Metals e : Aluminum	58738B01 s = 7	17.0  Conc	(JB) (JB) 	100 100 ion Range:	ug/L ug/L 	1 1
Methoo Analyte ype of Blank	Total Number of Blank Total Number above De d : SW6010 - Metals e : Aluminum	s = 7	17.0  Conc	(JB)  entrati	100  ion Range:	ug/L 0.00 -	1
Methoo Analyte ype of Blank	Total Number above De d : SW6010 - Metals e : Aluminum				=		17.0
Methoo Analyte ype of Blank	d : SW6010 - Metals e : Aluminum	tection Limit = 0			=		17.5
Analyte ype of Blank	e : Aluminum						
Analyte ype of Blank	e : Aluminum						
ype of Blank							
	k : Method Blank						
0/05/04							
0/05/94	BLK944093	EMJA6141005100001	0.0255	(JB)	0.0523	mg/L	1
0/05/94	BLK944334	EMJA6141005100003	0.0496	(JB)	0.0523	mg/L	1
0/05/94	BLK944112	EMJA6141005100001	0.0446	(JB)	0.0523	mg/L	1
0/05/94	BLK944237	EMJA6141005100003	0.0304	(JB)	0.0523	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	-0.00799	(JB)	0.0523	mg/L	1
 1	otal Number of Blank	s = 5	Conc	 entrati	on Range:	 -0.00799 -	0.0496
T	otal Number above De	tection Limit = 0	Maxi	mum Det	ection Limit	= 0.0523	
Mathas	d : SW6010 - Metals						
	e: Antimony						
	: Method Blank	•					
0/05/94	BLK944093	EMJA6141005100001	0.00885	(JB)	0.0760	mg/L	1
0/05/94	BLK944237	EMJA6141005100003	-0.0223	(JB)	0.0760	mg/L	1
0/05/94	BLK944334	EMJA6141005100003	0.0140	(JB)	0.0760	mg/L	1
0/05/94	BLK944112	EMJA6141005100001	0.0324	(JB)	0.0760	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	-0.0179	(JB)	0.0760	mg/L	1
T	otal Number of Blanks	s = 5	Conc	 entrati	on Range:	-0.0223 -	0.0324
Ţ	otal Number above Det	tection Limit = 0	Maxi	num Det	ection Limit	= 0.0760	
Mathed	: SW6010 - Metals						
	: Arsenic						
	: Method Blank						
0/05/94	BLK944334	EMJA6141005100003	-0.00186	(JB)	0.0468	mg/L	1
	BLK944112	EMJA6141005100003	0.00186	(JB)	0.0468	mg/L	1 1

	SAMPLE	BATCH		D	ETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
Meth	od : SW6010 - Metals						
Analy	te : Arsenic						
ype of Bla	nk : Method Blank, cor	t.					
0/05/94	BLK944203	EMJA6141005100001	-0.00971	• •	0.0468	mg/L	1
0/05/94	BLK944237	EMJA6141005100003		(JB)	0.0468	mg/L	1
0/05/94	BLK944093	EMJA6141005100001		(JB)	0.0468	mg/L	1
0/13/94 	BLK944429	EMJA6141013184501	-0.0104	(JB) 	0.0468 	mg/L	1
	Total Number of Blank				n Range:	-0.0130 -	0.00816
	Total Number above De	tection Limit = 0	Maxim	um Dete	ction Limit	:= 0.0468	
Meth	od : SW6010 - Metals					•	
Analv	te : Barium						
	nk : Method Blank						
0/05/94	BLK944093	EMJA6141005100001	0.00170	(B) 0	. 000860	mg/L	1
0/05/94	BLK944334	EMJA6141005100003	0.00128	(B) 0.	.000860	mg/L	1
0/05/94	BLK944203	EMJA6141005100001	0.000420	(JB) 0	.000860	mg/L	1
0/05/94	BLK944112	EMJA6141005100001	0.000850	(JB) 0.	.000860	mg/L	1
0/05/94	BLK944237	EMJA6141005100003	0.000850	(JB) 0	.000860	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	-0.000440	(JB) 0.	.000860	mg/L	1
	Total Number of Blank					0.000440 -	0.00170
	Total Number above De	tection Limit = 2	Maxim	um Detec	ction Limit	:= 0.000860	)
	od : SW6010 - Metals						•
Meth							
	te : Bervllium						
Analy	te : Beryllium nk : Method Blank						
Analy ype of Bla		EMJA6141005100001	0.00110	(B) 0.	.000510	mg/L	1
Analy ype of Bla 0/05/94	nk : Method Blank	EMJA6141005100001 EMJA6141005100001			.000510 .000510	mg/L mg/L	1 1
Analy ype of Bla 0/05/94 0/05/94	nk : Method Blank BLK944112		0.00108	(B) 0		•	
Analy ype of Bla 0/05/94 0/05/94 0/05/94	nk : Method Blank BLK944112 BLK944093	EMJA6141005100001	0.00108 0.00109	(B) 0 (B) 0	.000510	mg/L	1
Analy ype of Bla 0/05/94 0/05/94 0/05/94 0/05/94	nk : Method Blank BLK944112 BLK944093 BLK944334	EMJA6141005100001 EMJA6141005100003	0.00108 0.00109	(B) 0. (B) 0. (B) 0.	.000510 .000510 .000510	mg/L mg/L	1 1
Analy ype of Bla 0/05/94 0/05/94 0/05/94 0/05/94	nk : Method Blank  BLK944112 BLK944093 BLK944334 BLK944237 BLK944229  Total Number of Blank	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 	0.00108 0.00109 0.00108 0.0000500 	(B) 0. (B) 0. (B) 0. (JB) 0. ntration	.000510 .000510 .000510 .000510 	mg/L mg/L mg/L mg/L	1 1 1 1
Analy ype of Bla 0/05/94 0/05/94 0/05/94 0/05/94	nk : Method Blank  BLK944112  BLK944093  BLK944334  BLK944237  BLK944429	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 	0.00108 0.00109 0.00108 0.0000500 	(B) 0. (B) 0. (B) 0. (JB) 0. ntration	.000510 .000510 .000510 .000510 	mg/L mg/L mg/L mg/L	1 1 1 1
Analy ype of Bla 0/05/94 0/05/94 0/05/94 0/05/94 0/13/94	nk : Method Blank  BLK944112  BLK944093  BLK944334  BLK944237  BLK944429  Total Number of Blank Total Number above De	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 	0.00108 0.00109 0.00108 0.0000500 	(B) 0. (B) 0. (B) 0. (JB) 0. ntration	.000510 .000510 .000510 .000510 	mg/L mg/L mg/L mg/L	1 1 1 1
Analy ype of Bla  0/05/94  0/05/94  0/05/94  0/05/94	nk : Method Blank  BLK944112 BLK944093 BLK944334 BLK944237 BLK944429  Total Number of Blank Total Number above De	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 	0.00108 0.00109 0.00108 0.0000500 	(B) 0. (B) 0. (B) 0. (JB) 0. ntration	.000510 .000510 .000510 .000510 	mg/L mg/L mg/L mg/L	1 1 1 1
Analy ype of Bla  0/05/94  0/05/94  0/05/94  0/05/94  0/13/94   Meth  Analy	nk : Method Blank  BLK944112 BLK944093 BLK944334 BLK944237 BLK944429  Total Number of Blank Total Number above De	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 	0.00108 0.00109 0.00108 0.0000500 	(B) 0. (B) 0. (B) 0. (JB) 0. ntration	.000510 .000510 .000510 .000510 	mg/L mg/L mg/L mg/L	1 1 1 1
Analy ype of Bla  0/05/94 0/05/94 0/05/94 0/13/94  Meth Analy	nk : Method Blank  BLK944112 BLK944093 BLK944334 BLK944237 BLK944429  Total Number of Blank Total Number above De	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 	0.00108 0.00109 0.00108 0.0000500 	(B) 0. (B) 0. (B) 0. (JB) 0. ntration	.000510 .000510 .000510 .000510 	mg/L mg/L mg/L mg/L	1 1 1 1
Analy ype of Bla  0/05/94  0/05/94  0/05/94  0/05/94  0/13/94   Meth  Analy	nk : Method Blank  BLK944112 BLK944093 BLK944334 BLK944237 BLK944429  Total Number of Blank Total Number above De	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 	0.00108 0.00109 0.00108 0.0000500 	(B) 0. (B) 0. (B) 0. (JB) 0 ntration um Detect	.000510 .000510 .000510 .000510 	mg/L mg/L mg/L mg/L	1 1 1 1

	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT		LIMIT	UNITS	FACTOR
	nod : SW6010 - Metals	3					
_	yte : Cadmium						
Type of Bla	ank : Method Blank, o	cont.					
10/05/94	BLK944112	EMJA6141005100001	-0.000120	(JB)	0.00386	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	-0.00112	(JB)	0.00386	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.00121	(JB)	0.00386	mg/L	1
.0/13/94	BLK944429 	EMJA6141013184501	0.000900	(JB)	0.00386	mg/L	1
	Total Number of Bla		Conc	entrat	ion Range:	-0.00121 - 0	).000900
	Total Number above	Detection Limit = 0	Maxi	mum De	tection Limit	: = 0.00386	;
	nod : SW6010 - Metals	:					
_	rte : Calcium ank : Method Blank						
		EN 1401 44 00E4 00004		(0)	0.0175	,.	_
10/05/94	BLK944112	EMJA6141005100001	0.114	(B)	0.0175	mg/L	1
.0/05/94 .0/05/94	BLK944237	EMJA6141005100003	0.0282	(B)	0.0175	mg/L	1
0/05/94	BLK944093	EMJA6141005100001	0.0644	(B)	0.0175	mg/L	1
.0/03/94	BLK944334 BLK944429	EMJA6141005100003 EMJA6141013184501	0.134	(B) (B)	0.0175 0.0175	mg/L	1 1
	ひとパンオオオとり	FU0V0141012104201	. 0.0270	(0)	0.01/3	mg/L	1
	Total Number of Bla				ion Range:		0.134
		nks = 5 Detection Limit = 5			ion Range: tection Limit		0.134
	Total Number above	Detection Limit = 5					0.134
 Meth		Detection Limit = 5					0.134
Meth Analy	Total Number above nod : SW6010 - Metals	Detection Limit = 5					0.134
Meth Analy ype of Bla	Total Number above  nod : SW6010 - Metals  te : Chromium	Detection Limit = 5	Maxi	mum De		= 0.0175	0.134
Meth Analy ype of Bla 0/05/94	Total Number above  nod : SW6010 - Metals  rte : Chromium  nk : Method Blank	Detection Limit = 5		mum De	tection Limit		
Meth Analy ype of Bla 0/05/94 0/05/94	Total Number above  nod : SW6010 - Metals  rte : Chromium  nk : Method Blank  BLK944093	Detection Limit = 5  EMJA6141005100001	Maxi 0.00181	mum De (JB) (JB)	tection Limit	= 0.0175	1
Meth Analy ype of Bla 0/05/94 0/05/94 0/05/94	Total Number above  nod : SW6010 - Metals  te : Chromium  nk : Method Blank  BLK944093  BLK944237	Detection Limit = 5  EMJA6141005100001  EMJA6141005100003	Maxi 0.00181 0.000840	(JB) (JB) (JB)	0.00524 0.00524	= 0.0175  mg/L mg/L	1 1
Meth Analy ype of Bla 0/05/94 0/05/94 0/05/94 0/05/94	Total Number above  nod : SW6010 - Metals rte : Chromium rnk : Method Blank  BLK944093 BLK944237 BLK944203	Detection Limit = 5  EMJA6141005100001  EMJA6141005100003  EMJA6141005100001	0.00181 0.000840 0.00102	(JB) (JB) (JB) (JB)	0.00524 0.00524 0.00524 0.00524	= 0.0175  mg/L mg/L mg/L	1 1 1
Meth Analy ype of Bla 0/05/94 0/05/94 0/05/94 0/05/94	Total Number above  nod : SW6010 - Metals rte : Chromium .nk : Method Blank  BLK944093 BLK944237 BLK944203 BLK944334	EMJA6141005100001 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	0.00181 0.000840 0.00102 0.00446	(JB) (JB) (JB) (JB) (JB)	0.00524 0.00524 0.00524 0.00524	= 0.0175  mg/L mg/L mg/L mg/L	1 1 1
Meth Analy	Total Number above  nod : SW6010 - Metals  nte : Chromium  nk : Method Blank  BLK944093 BLK944237 BLK944203 BLK944334 BLK944112 BLK944112 BLK944429  Total Number of Bla	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141013184501	0.00181 0.000840 0.00102 0.00446 0.00184 -0.00464	(JB) (JB) (JB) (JB) (JB) (JB) entrat	0.00524 0.00524 0.00524 0.00524 0.00524 0.00524	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 0.00446
Meth Analy Type of Bla .0/05/94 .0/05/94 .0/05/94 .0/05/94	Total Number above  nod : SW6010 - Metals  rte : Chromium  nk : Method Blank  BLK944093  BLK944237  BLK944203  BLK944334  BLK944112  BLK944429	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141013184501	0.00181 0.000840 0.00102 0.00446 0.00184 -0.00464	(JB) (JB) (JB) (JB) (JB) (JB) entrat	0.00524 0.00524 0.00524 0.00524 0.00524 0.00524	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 0.00446
Meth Analy Type of Bla .0/05/94 .0/05/94 .0/05/94 .0/05/94 .0/05/94	Total Number above  nod : SW6010 - Metals rte : Chromium .nk : Method Blank  BLK944093 BLK944237 BLK944203 BLK944112 BLK944112 BLK944429  Total Number of Bla Total Number above	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141013184501	0.00181 0.000840 0.00102 0.00446 0.00184 -0.00464	(JB) (JB) (JB) (JB) (JB) (JB) entrat	0.00524 0.00524 0.00524 0.00524 0.00524 0.00524	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 0.00446
Meth Analy Type of Bla 0/05/94 0/05/94 0/05/94 0/05/94 0/13/94	Total Number above  nod : SW6010 - Metals rte : Chromium rk : Method Blank  BLK944093 BLK944237 BLK944203 BLK944112 BLK944112 BLK944429  Total Number of Bla Total Number above	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141013184501	0.00181 0.000840 0.00102 0.00446 0.00184 -0.00464	(JB) (JB) (JB) (JB) (JB) (JB) entrat	0.00524 0.00524 0.00524 0.00524 0.00524 0.00524	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 0.00446
Meth Analy Type of Bla 0/05/94 0/05/94 0/05/94 0/05/94 0/13/94 	Total Number above  nod : SW6010 - Metals  te : Chromium  nk : Method Blank  BLK944093 BLK944237 BLK944203 BLK944112 BLK944112 BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals  te : Cobalt	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141013184501	0.00181 0.000840 0.00102 0.00446 0.00184 -0.00464	(JB) (JB) (JB) (JB) (JB) (JB) entrat	0.00524 0.00524 0.00524 0.00524 0.00524 0.00524	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 0.00446
Meth Analy Type of Bla .0/05/94 .0/05/94 .0/05/94 .0/05/94 .0/13/94  Meth Analy	Total Number above  nod : SW6010 - Metals rte : Chromium rk : Method Blank  BLK944093 BLK944237 BLK944203 BLK944112 BLK944112 BLK944429  Total Number of Bla Total Number above	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141013184501	0.00181 0.000840 0.00102 0.00446 0.00184 -0.00464	(JB) (JB) (JB) (JB) (JB) entrat mum De	0.00524 0.00524 0.00524 0.00524 0.00524 0.00524 ion Range:	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 0.00446
Meth Analy Type of Bla 0/05/94 0/05/94 0/05/94 0/05/94 0/13/94 	Total Number above  nod : SW6010 - Metals  te : Chromium  nk : Method Blank  BLK944093 BLK944237 BLK944203 BLK944112 BLK944112 BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals  te : Cobalt	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141013184501	0.00181 0.000840 0.00102 0.00446 0.00184 -0.00464	(JB) (JB) (JB) (JB) (JB) entrat mum De	0.00524 0.00524 0.00524 0.00524 0.00524 0.00524 ion Range:	mg/L mg/L mg/L mg/L mg/L mg/L	1 1 1 1 1 0.00446

A-1.1-4

ID etals  EMJA6141005100003	-0.00698  Cond	(JB) (JB) entrat mum De	0.00407 0.00407 ion Range: tection Limit	mg/L mg/L mg/L -0.00698 - = 0.00407	
EMJA6141005100003 EMJA6141005100001 EMJA6141013184501  F Blanks = 5 pove Detection Limit = 0  etals  hk  EMJA6141005100001 EMJA6141005100001 EMJA6141005100001	0.00365 0.00 -0.00698  Cond Maxi 0.00412 0.00529	(JB) (JB) entrat mum De	0.00407 0.00407 0.00407 ion Range: tection Limit	mg/L mg/L -0.00698 - = 0.00407	1 1 0.00365
EMJA6141005100003 EMJA6141005100001 EMJA6141013184501 F Blanks = 5 pove Detection Limit = 0 etals nk EMJA6141005100001 EMJA6141005100003 EMJA6141005100001	0.00 -0.00698 Cond Maxi 0.00412 0.00529	(JB) (JB) entrat mum De	0.00407 0.00407 ion Range: tection Limit	mg/L mg/L -0.00698 - = 0.00407	1 1 0.00365
EMJA6141005100003 EMJA6141005100001 EMJA6141013184501  F Blanks = 5 Dove Detection Limit = 0  etals  Mk  EMJA6141005100001 EMJA6141005100003 EMJA6141005100001	0.00 -0.00698 Cond Maxi 0.00412 0.00529	(JB) (JB) entrat mum De	0.00407 0.00407 ion Range: tection Limit	mg/L mg/L -0.00698 - = 0.00407	1 1 0.00365
EMJA6141005100003 EMJA6141005100001 EMJA6141013184501  F Blanks = 5 Dove Detection Limit = 0  etals  Mk  EMJA6141005100001 EMJA6141005100003 EMJA6141005100001	0.00 -0.00698 Cond Maxi 0.00412 0.00529	(JB) (JB) entrat mum De	0.00407 0.00407 ion Range: tection Limit	mg/L mg/L -0.00698 - = 0.00407	1 1 0.00365
EMJA6141005100001 EMJA6141013184501 F Blanks = 5 pove Detection Limit = 0 etals nk EMJA6141005100001 EMJA6141005100001	0.00 -0.00698 Cond Maxi 0.00412 0.00529	(JB) (JB) entrat mum De	0.00407 0.00407 ion Range: tection Limit	mg/L mg/L -0.00698 - = 0.00407	1 1 0.00365
EMJA6141013184501  f Blanks = 5  pove Detection Limit = 0  etals  nk  EMJA6141005100001  EMJA6141005100003  EMJA6141005100001	-0.00698  Conc Maxi 0.00412 0.00529	(JB) entrat mum De	0.00407 ion Range: tection Limit	mg/L 	1 0.00365
F Blanks = 5 pove Detection Limit = 0  etals  nk  EMJA6141005100001  EMJA6141005100003  EMJA6141005100001	Cond Maxi 0.00412 0.00529	entrat mum De	ion Range: tection Limit	-0.00698 - = 0.00407	0.00365
etals  EMJA6141005100001  EMJA6141005100003  EMJA6141005100001	0.00412 0.00529	mum De	tection Limit	. = 0.00407	
etals nk EMJA6141005100001 EMJA6141005100003 EMJA6141005100001	0.00412 0.00529	(JB)			
EMJA6141005100001 EMJA6141005100003 EMJA6141005100001	0.00529	•	0.00016		
EMJA6141005100001 EMJA6141005100003 EMJA6141005100001	0.00529	•	n nne16		
EMJA6141005100001 EMJA6141005100003 EMJA6141005100001	0.00529	•	0 00016		
EMJA6141005100003 EMJA6141005100001	0.00529	•	n nno16	•	
EMJA6141005100003 EMJA6141005100001	0.00529	•	0.00310	mg/L	1
	0.00530	(00)	0.00916	mg/L	. 1
FM.1A61.41.0051.00003	0.00000	(JB)	0.00916	mg/L	1
F. 101/01-100010000	0.000580			mg/L	1
EMJA6141013184501	-0.000640	(JB)	0.00916	mg/L	1
f Blanks = 5	Conc	entrat	<b></b> ion Range: -	0.000640 -	0.00530
pove Detection Limit = 0	Maxi	mum De	tection Limit	= 0.00916	<b>;</b>
etals					
nk					
		(2)	0.00450	41	1
				-	1
					1
					1
EMJA6141005100003 EMJA6141013184501			0.00452	-	1 1
					0.0314
pove Detection Limit = 3	MAXI	iliulii be	rection finit	- 0.00452	1
etals					
•					
hk					
EMJA6141005100001	-0.0392	(JB)	0.0216	mg/L	1
EMJA6141005100003			0.0216	mg/L	1
EMJA6141005100003			0.0216	mg/L	1
EMJA6141005100001	-0.0525	(JB)	0.0216	mg/L	1
	f Blanks = 5 bove Detection Limit = 3  etals  nk  EMJA6141005100001  EMJA6141005100003  EMJA6141005100003	bove Detection Limit = 0 Maxi  etals  nk  EMJA6141005100003 0.0314  EMJA6141005100001 0.00337  EMJA6141005100001 0.00880  EMJA6141005100003 0.0263  EMJA6141013184501 0.00158  of Blanks = 5 Conc bove Detection Limit = 3 Maxi  etals  nk  EMJA6141005100001 -0.0392  EMJA6141005100003 -0.0211  EMJA6141005100003 -0.0167	bove Detection Limit = 0	bove Detection Limit = 0	bove Detection Limit = 0

	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
			per 400 AM 400 AM AM				
Meth	nod : SW6010 - Metal:	s					
	te : Lead						
Type of Bla	ank : Method Blank,	cont.					
10/05/94	BLK944093	EMJA6141005100001	-0 0240	( 10 )	0.0216	/1	, ,
10/13/94	BLK944429	EMJA6141013184501	-0.0110			mg/L mg/L	1
	Total Number of Bla		Con	centrat	ion Range:	-0.0525 -	-0.0110
	Total Number above	Detection Limit = 0	Max	imum De	tection Limi	t = 0.0216	
	od : SW6010 - Metals	S					
-	te : Magnesium nk : Method Blank				•		
ilhe ni big	iik . Methou blank						
10/05/94	BLK944093	EMJA6141005100001	0.000420	(JB)	0.0479	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.0236		0.0479	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	0.0138		0.0479	mg/L	1
.0/05/94	BLK944334	EMJA6141005100003	0.0373		0.0479	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	-0.0142		0.0479	mg/L	1
	Total Number of Bla	inks = 5	Conc	ontrat	ion Range:	-0 0142 -	0.0373
		Detection Limit = 0			-	:= 0.0479	0.0373
	od : SW6010 ~ Metals te : Manganese	;					
	nk : Method Blank						
<b>7</b>							
0/05/94	BLK944237	EMJA6141005100003	0.00140	(JB)	0.00155	mg/L	1
0/05/94	BLK944334	EMJA6141005100003	0.00140	(JB)	0.00155	mg/L	1
	BLK944112	EMJA6141005100001	0.00290	(B)	0.00155	mg/L	1
0/05/94	BLK944093	EMJA6141005100001	0.00	(JB)	0.00155	mg/L	1
0/05/94 0/05/94	021011000	2.10.101 1100010001	0.00				
0/05/94 0/05/94	BLK944429	EMJA6141013184501	-0.00211	(JB)	0.00155	mg/L	1
0/05/94 0/05/94		EMJA6141013184501	-0.00211			mg/L	
.0/05/94 .0/05/94 .0/13/94	BLK944429  Total Number of Bla	EMJA6141013184501	-0.00211 Conc	entrat		mg/L 	 0.00290
.0/05/94 .0/05/94	BLK944429  Total Number of Bla	EMJA6141013184501  nks = 5	-0.00211 Conc	entrat	ion Range:	mg/L -0.00211 -	 0.00290
.0/05/94 .0/05/94 .0/13/94	BLK944429  Total Number of Bla	EMJA6141013184501 	-0.00211 Conc	entrat	ion Range:	mg/L -0.00211 -	 0.00290
0/05/94 0/05/94 0/13/94 	BLK944429 Total Number of Bla Total Number above	EMJA6141013184501 	-0.00211 Conc	entrat	ion Range:	mg/L -0.00211 -	 0.00290
0/05/94 0/05/94 0/13/94  Metho Analyi	BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals	EMJA6141013184501 	-0.00211 Conc	entrat	ion Range:	mg/L -0.00211 -	 0.00290
0/05/94 0/05/94 0/13/94  Metho Analyi	BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals te : Molybdenum	EMJA6141013184501 	-0.00211 Conc	entrat mum De	ion Range: tection Limit	mg/L -0.00211 - + = 0.00155	 0.00290
0/05/94 0/05/94 0/13/94  Metho Analyi	BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals te : Molybdenum nk : Method Blank	EMJA6141013184501 	-0.00211  Conc Maxi	entrat mum De	ion Range:	mg/L -0.00211 - 6 = 0.00155	 0.00290
0/05/94 0/05/94 0/13/94  Metho Analyi	BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals te : Molybdenum nk : Method Blank  BLK944334	EMJA6141013184501  nks = 5  Detection Limit = 1  EMJA6141005100003	-0.00211  Conc Maxi 0.00423	entrat mum De	ion Range: tection Limit	mg/L -0.00211 - 6 = 0.00155 mg/L mg/L	0.00290 1
0/05/94 0/05/94 0/13/94  Metho Analyi ype of Blar 0/05/94 0/05/94	BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals te : Molybdenum nk : Method Blank  BLK944334 BLK944093	EMJA6141013184501	-0.00211 Conc Maxi 0.00423 0.00642	entrat mum De	ion Range: tection Limit 0.00739	mg/L -0.00211 - 6 = 0.00155	1 1
0/05/94 0/05/94 0/13/94  Metho Analyi ype of Blar 0/05/94	BLK944429  Total Number of Bla Total Number above  od : SW6010 - Metals te : Molybdenum nk : Method Blank  BLK944334 BLK944093 BLK944112	EMJA6141013184501	-0.00211 Conc Maxi 0.00423 0.00642 0.00145	(JB) (JB) (JB) (JB) (JB)	on Range: tection Limit 0.00739 0.00739 0.00739	mg/L -0.00211 - 6 = 0.00155  mg/L mg/L mg/L	1 1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	od : SW6010 - Metal:	s					
Analy	te : Molybdenum						
Type of Bla	nk : Method Blank, o	cont.					
	Total Number above	Detection Limit = 0	Maxi	mum De	tection Limit	= 0.00739	
Meth	od : SW6010 - Metal:	S					
Analy	te : Nickel					•	
ype of Bla	nk : Method Blank						
10/05/94	BLK944237	EMJA6141005100003	0.0166	(B)	0.0141	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00540	(JB)	0.0141	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00933	(JB)	0.0141	mg/L	1
10/05/94	BLK944112	EMJA6141005100001	-0.00216	(JB)	0.0141	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	0.00481 	(JB)	0.0141	mg/L 	1 
	Total Number of Bla	anks = 5	Conc	entrat	ion Range: -	-0.00216 - 0	0.0166
	Total Number above	Detection Limit = 1	Maxi	mum De1	tection Limit	= 0.0141	
	od : SW6010 - Metals	5					
	te : Potassium nk : Method Blank						
ype or brai	ik : Method Blank						
10/05/94	BLK944112	EMJA6141005100001	0.148	(JB)	0.822	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.0184	(JB)	0.822	mg/L	1
.0/05/94	BLK944093	EMJA6141005100001	0.260	(JB)	0.822	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	-0.0188	(JB)	0.822	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	-0.679	(JB)	0.822	mg/L	1
	Total Number of Bla	anks = 5	Conc	entrati	ion Range:	-0.679 - 0	.260
	Total Number above	Detection Limit = 0	Maxi	mum Det	tection Limit	= 0.822	
	od : SW6010 - Metals	3					
	te : Selenium nk : Method Blank						
			_				
0/05/94	BLK944112	EMJA6141005100001	-0.0486	(JB)	0.0891	mg/L	1
0/05/94	BLK944237	EMJA6141005100003	-0.0295	(JB)	0.0891	mg/L	1
.0/05/94	BLK944093	EMJA6141005100001	0.0218	(JB)	0.0891	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.0109	(JB)	0.0891	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.00790	(JB)	0.0891	mg/L	1

Total Number of Blanks = 5

Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0891

Concentration Range: -0.0486 - 0.0218

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT		LIMIT	UNITS	FACTOR
	nod : SW6010 - Metals						
	rte : Silver Ink : Method Blank						
) pc 01 01	ank . Hethod Brank						
10/05/94	BLK944334	EMJA6141005100003	-0.00606	(JB)	0.00519	mg/L	1
.0/05/94	BLK944203	EMJA6141005100001	-0.00511	(JB)	0.00519	mg/L	1
.0/05/94	BLK944237	EMJA6141005100003	-0.00403	(JB)	0.00519	mg/L	1
0/05/94	BLK944112	EMJA6141005100001	-0.00716	(JB)	0.00519	mg/L	1
.0/05/94	BLK944093	EMJA6141005100001	-0.00203	(JB)	0.00519	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	0.00150	(JB)	0.00519	mg/L	. 1
	Total Number of Bla	nks = 6	Conc	entrat	ion Range:	-0.00716 -	0.00150
	Total Number above	Detection Limit = 0	Maxi	mum De	tection Limit	t = 0.00519	}
Meth	od : SW6010 - Metals	3					
	te : Sodium	,					
	nk : Method Blank						
0/05/94	BLK944093	EMJA6141005100001	0.0573	(B)	0.0401	mg/L	1
.0/05/94	BLK944112	EMJA6141005100001	0.107	(B)	0.0401	mg/L	1
0/05/94	BLK944237	EMJA6141005100003	0.0390	(JB)	0.0401	mg/L	1
0/05/94	BLK944334	EMJA6141005100003	0.0581	(B)	0.0401	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	0.0355	(JB)	0.0401	mg/L	1
	Total Number of Bla	nks = 5	Conc	entrati	ion Range:	0.0355 -	0.107
	Total Number above	Detection Limit = 3	Maxi	mum De1	tection Limit	0.0401	
	od : SW6010 - Metals						
	te : Thallium nk : Method Blank						
ype or bre	in . Hethod brain						
0/05/94	BLK944093	EMJA6141005100001	-0.0313	(JB)	0.0833	mg/L	1
0/05/94	BLK944334	EMJA6141005100003	-0.0418		0.0833	mg/L	1
0/05/94	BLK944112	EMJA6141005100001	-0.0260		0.0833	mg/L	1
0/05/94	BLK944237	EMJA6141005100003	-0.0314	(JB)	0.0833	mg/L	1
0/13/94	BLK944429	EMJA6141013184501	-0.0369	(JB)	0.0833	mg/L	1
	Total Number of Bla	nks = 5	Conc	entrati	on Range:	-0.0418 -	-0.0260
	Total Number above	Detection Limit = 0			ection Limit		
Math	od : SW6010 - Metals						
	od : Swoulu - Metals te : Vanadium						
Allaly	te . Vanaurum						

Type of Blank : Method Blank

10/05/94 BLK944112 EMJA6141005100001 -0.00177 (JB) 0.00454 mg/L

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	od : SW6010 - Metals						
Analy	te : Vanadium						
Type of Bla	nk : Method Blank, co	nt.					
10/05/94	BLK944334	EMJA6141005100003	-0.00126	(JB)	0.00454	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	-0.0000600	(JB)	0.00454	mg/L	1. 1
10/05/94	BLK944093	EMJA6141005100001	0.00202	(JB)	0.00454	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	-0.00811	(JB)	0.00454	mg/L	1
	Total Number of Blan				ion Range:		
	Total Number above D	etection Limit = 0	Maxi	mum De	tection Limit	:= 0.0045	4
	-1 000010 22 3						
	od : SW6010 - Metals						
	te : Zinc nk : Method Blank						
iyhe oi bia	IIK . MELHOU DIANK						
10/05/94	BLK944112	EMJA6141005100001	0.0165	(B)	0.00402	mg/L	1
10/05/94	BLK944237	EMJA6141005100003	0.00266	(JB)	0.00402	mg/L	1
10/05/94	BLK944334	EMJA6141005100003	0.00769	(B)	0.00402	mg/L	1
10/05/94	BLK944093	EMJA6141005100001	0.00837	(B)	0.00402	mg/L	1
10/13/94	BLK944429	EMJA6141013184501	0.00525	(B)	0.00402	mg/L	1 
	Total Number of Blan	ks = 5			ion Range:		
	Total Number above D	etection Limit = 4	Maxi	mum De	tection Limit	:= 0.0040	2
Math	od : SW7060 - Arsenio						
	te : Arsenic						
	nk : Method Blank						
09/19/94	BLK9 <b>44</b> 094	AAZ340919172101	-0.00144	(JB)	0.000647	mg/L	1
09/28/94	BLK944236	AAZ340928163202	-0.000840			mg/L	1
09/28/94		AAZ440928083002	-0.00199				1
10/06/94	BLK944362	AAZ441006085001	-0.00113	(JB)	0.00214	mg/L	1
	Total Number of Blar		Cond		ion Range:		
	Total Number above D	etection Limit = 0	Maxi	mum De	tection Limit	: = 0.0021	4
** **	. C1/7401 L						
	od : SW7421 - Lead te : Lead						
	nk : Method Blank						
09/19/94	BLK944094	AAZ140919170001	0.000110	(JB)	0.00205	mg/L	1
	BLK944236	AAZ240927170001			0.00220	mg/L	1
10/07/94			-0.00101			mg/L	1
	Total Number of Blar	 ıks = 3			ion Range:		

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID .	RESULT	LIMIT	UNITS	FACTOR
		ochlorine Pesticides and PCBs				
	/te : 4,4'-DDD ank : Method Blank					
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00305	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00305	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00225	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00305	ug/L	1
10/12/94 	BLK944136	CHGC7A41012120001	ND 	0.00225	ug/L 	1 
	Total Number of Bla	nks = 5	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.00305	
		chlorine Pesticides and PCBs				
	rte : 4,4'-DDE ink : Method Blank					
1300 01 010	ank . Method Brank					
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00351	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00351	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00464	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00351	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00464	ug/L	1
	Total Number of Bla	 nks = 5	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.00464	
	od : SW8080 - Organo te : 4,4'-DDT	chlorine Pesticides and PCBs				
-	nk : Method Blank				•	
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00374	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00374	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND ND	0.00746	ug/L	1
l0/08/94 l0/12/94	BLK944213	CHGC6A41005120004	ND ND	0.00374	ug/L	1
	BLK944136	CHGC7A41012120001	ND	0.00746 	ug/L 	1 
	Total Number of Blan			ration Range:	NC	
	Total Number above (	Detection Limit = 0	Maximum	Detection Limit =	0.00746	
		chlorine Pesticides and PCBs				
	te : Aldrin nk : Method Blank					
0/16/04	RI V042067 P	CUCCCAA001F120000	ND	0.00410	41	
09/16/94 09/26/94	BLK943967 B BLK94477 BM	CHGC6A40915120002 CHGC6A40926120001	ND ND	0.00419	ug/L	1
, 20, 04	JC10 777 DIT	011460N40050150001	ND	0.00419	ug/L	1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8080 - Organo	chlorine Pesticides and PCBs				
Analy	te : Aldrin					
ype of Bla	ank : Method Blank, co	ont.				
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00292	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00419	ug/L	1
.0/12/94	BLK944136	CHGC7A41012120001	ND	0.00292	ug/L	1
	Total Number of Blan	nks = 5	Concentr	ation Range:	NC	
	Total Number above		Maximum	Detection Limit	= 0.00419	
		chlorine Pesticides and PCBs				
	rte : Chlordane ank : Method Blank					
ype or bia	unk . Methou plank					
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0203	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0203	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0240	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0203	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0240	ug/L	1
	Total Number of Bla	 nks = 5	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.0240	
	nod : SW8080 - Organo	chlorine Pesticides and PCBs				
Analy	te : Dieldrin ank : Method Blank					
Analy Type of Bla	rte : Dieldrin ank : Method Blank	CHCC6440915120002	ND	0.00286	na\I	1
Analy Type of Bla	rte : Dieldrin nk : Method Blank BLK943967 B	CHGC6A40915120002	ND ND	0.00286 0.00286	ug/L ua/L	1
Analy Type of Bla 09/16/94 09/26/94	yte : Dieldrin ank : Method Blank BLK943967 B BLK94477 BM	CHGC6A40926120001	ND	0.00286	ug/L	1
Analy Type of Bla 09/16/94 09/26/94 09/29/94	yte : Dieldrin ank : Method Blank BLK943967 B BLK94477 BM BLK944114	CHGC6A40926120001 CHGC7A40928120002	ND 0.00270 (KJ	0.00286 IB) 0.00403	ug/L ug/L	1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	yte : Dieldrin ank : Method Blank BLK943967 B BLK94477 BM	CHGC6A40926120001	ND	0.00286	ug/L	1
Analy	ote : Dieldrin  ank : Method Blank  BLK943967 B  BLK94477 BM  BLK944114  BLK944213  BLK944136	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND 0.00270 (Ka ND ND	0.00286 B) 0.00403 0.00286 0.00403	ug/L ug/L ug/L ug/L	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	ote : Dieldrin  ank : Method Blank  BLK943967 B  BLK94477 BM  BLK944114  BLK944213	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND 0.00270 (Kd ND ND Concentr	0.00286 B) 0.00403 0.00286	ug/L ug/L ug/L ug/L 	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	rte : Dieldrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND 0.00270 (Kd ND ND Concentr	0.00286 B) 0.00403 0.00286 0.00403 cation Range:	ug/L ug/L ug/L ug/L 	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	rte : Dieldrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blace	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 	ND 0.00270 (Kd ND ND Concentr	0.00286 B) 0.00403 0.00286 0.00403 cation Range:	ug/L ug/L ug/L ug/L 	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	orte : Dieldrin  ank : Method Blank  BLK943967 B  BLK94477 BM  BLK944114  BLK944213  BLK944136  Total Number of Blank  Total Number above	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND 0.00270 (Kd ND ND Concentr	0.00286 B) 0.00403 0.00286 0.00403 cation Range:	ug/L ug/L ug/L ug/L 	1 1 1
Analy Type of Bla  09/16/94 09/26/94 09/29/94 10/08/94  Meth	rte : Dieldrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blace	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 	ND 0.00270 (Kd ND ND Concentr	0.00286 B) 0.00403 0.00286 0.00403 cation Range:	ug/L ug/L ug/L ug/L 	1 1 1
Analy Type of Bla  09/16/94  09/26/94  09/29/94  10/08/94  10/12/94   Meth Analy Type of Bla	rte : Dieldrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  mod : SW8080 - Organo rte : Endosulfan I ank : Method Blank	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 	ND 0.00270 (Kd ND ND Concentr Maximum	0.00286 IB) 0.00403 0.00286 0.00403	ug/L ug/L ug/L ug/L 0.00270 - 0 = 0.00403	1 1 1 1 .00270
Analy Type of Bla  09/16/94  09/26/94  09/29/94  10/08/94  10/12/94  Meth Analy Type of Bla	rte : Dieldrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blai Total Number above  mod : SW8080 - Organo rte : Endosulfan I ank : Method Blank  BLK943967 B	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 This = 5 Detection Limit = 0 Chlorine Pesticides and PCBs	ND 0.00270 (Kd ND ND Concentr Maximum	0.00286  (B) 0.00403 0.00286 0.00403	ug/L ug/L ug/L ug/L 0.00270 - 0 = 0.00403	1 1 1 1
Analy Type of Bla  09/16/94  09/26/94  10/08/94  10/12/94   Meth Analy Type of Bla  09/16/94	rte : Dieldrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blait Total Number above  mod : SW8080 - Organo rte : Endosulfan I ank : Method Blank  BLK943967 B BLK94477 BM	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  nks = 5 Detection Limit = 0  Chlorine Pesticides and PCBs  CHGC6A40915120002 CHGC6A40926120001	ND 0.00270 (Kd ND ND Concentr Maximum ND	0.00286 IB) 0.00403 0.00286 0.00403  ration Range: Detection Limit  0.00219 0.00219	ug/L ug/L ug/L ug/L 0.00270 - 0 = 0.00403	1 1 1 .00270
Analy Type of Bla  09/16/94  09/26/94  09/29/94  10/08/94   Meth	rte : Dieldrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blai Total Number above  mod : SW8080 - Organo rte : Endosulfan I ank : Method Blank  BLK943967 B	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 This = 5 Detection Limit = 0 Chlorine Pesticides and PCBs	ND 0.00270 (Kd ND ND Concentr Maximum	0.00286  (B) 0.00403 0.00286 0.00403	ug/L ug/L ug/L ug/L 0.00270 - 0 = 0.00403	1 1 1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8080 - Organo yte : Endosulfan I ank : Method Blank, c	chlorine Pesticides and PCBs				
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00910	ug/L	1
	Total Number of Bla	 nks = 5	 Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.00910	
Anal	hod : SW8080 - Organo yte : Endosulfan II ank : Method Blank	chlorine Pesticides and PCBs				
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00384	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00384	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.00380	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.00384	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.00380	ug/L	1
	Total Number of Bla Total Number above			ration Range: Detection Limit =	NC 0.00384	
Anal	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank	chlorine Pesticides and PCBs ate				
Anal	yte : Endosulfan Sulf		ND ND	0.00507	ug/L	1
Anal Type of Bl	yte : Endosulfan Sulf ank : Method Blank	ate	ND ND	0.00507 0.00507	ug/L ug/L	1 1
Anal Type of Bl 09/16/94 09/26/94	yte : Endosulfan Sulf ank : Method Blank BLK943967 B	ate CHGC6A40915120002			•	
Anal Type of Bl 09/16/94 09/26/94	yte : Endosulfan Sulf ank : Method Blank BLK943967 B BLK94477 BM	ate CHGC6A40915120002 CHGC6A40926120001	ND	0.00507	ug/L	1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/08/94	yte : Endosulfan Sulf ank : Method Blank BLK943967 B BLK94477 BM BLK944114	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002	ND ND	0.00507 0.00544	ug/L ug/L	1
Anal	yte : Endosulfan Sulf ank : Method Blank BLK943967 B BLK94477 BM BLK944114 BLK944213	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.00507 0.00544 0.00507	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94	yte : Endosulfan Sulf ank : Method Blank BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136 Total Number of Bla	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.00507 0.00544 0.00507 0.00544 	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94	yte : Endosulfan Sulf ank : Method Blank BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136 Total Number of Bla	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.00507 0.00544 0.00507 0.00544 	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94 	yte : Endosulfan Sulfank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.00507 0.00544 0.00507 0.00544 	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94  Met Anal Type of Bl	yte : Endosulfan Sulfank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  mod : SW8080 - Organovyte : Endrin ank : Method Blank	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent Maximum	0.00507 0.00544 0.00507 0.00544  ration Range: Detection Limit =	ug/L ug/L ug/L ug/L NC 0.00544	1 1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/12/94 Met Anal Type of Bl	yte : Endosulfan Sulfank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  nod : SW8080 - Organovyte : Endrin ank : Method Blank  BLK943967 B	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  nks = 5 Detection Limit = 0  CHGC6A40915120002	ND ND ND Concent Maximum	0.00507 0.00544 0.00507 0.00544 	ug/L ug/L ug/L ug/L NC 0.00544	1 1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94 	yte : Endosulfan Sulfank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blater Total Number above  mod : SW8080 - Organowyte : Endrin ank : Method Blank  BLK943967 B BLK94477 BM	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  This = 5  Detection Limit = 0  CHGC6A40915120002 CHGC6A40926120001	ND ND ND Concent Maximum ND	0.00507 0.00544 0.00507 0.00544 	ug/L ug/L ug/L ug/L NC 0.00544	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/12/94 Met Anal Type of Bl 09/16/94 09/26/94 10/08/94	yte : Endosulfan Sulfank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944136  Total Number of Bla Total Number above  nod : SW8080 - Organoryte : Endrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  Thks = 5 Detection Limit = 0  CHGC6A40915120002 CHGC6A40926120001 CHGC6A40928120002	ND ND ND Concent Maximum ND ND	0.00507 0.00544 0.00507 0.00544 	ug/L ug/L ug/L ug/L NC 0.00544	1 1 1 1
Anal Type of Bl 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94	yte : Endosulfan Sulfank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944136  Total Number of Bla Total Number above  nod : SW8080 - Organoryte : Endrin ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944114 BLK944213	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND Concent Maximum ND ND ND ND ND ND ND ND ND	0.00507 0.00544 0.00507 0.00544 	ug/L ug/L ug/L NC 0.00544  ug/L ug/L ug/L ug/L ug/L	1 1 1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	*******			•		
Meth	od : SW8080 - Organod	chlorine Pesticides and PCBs				
Analy	te : Endrin Aldehyde					
ype of Bla	nk : Method Blank					
9/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00638	ug/L	1
9/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00638	ug/L	1
9/29/94	BLK944114	CHGC7A40928120002	ND	0.00400	ug/L	1
0/08/94	BLK944213	CHGC6A41005120004	ND	0.00638	ug/L	1
0/12/94	BLK944136	CHGC7A41012120001	ND	0.00400	ug/L	1
	Total Number of Blar	nks = 5	Concent	ration Range:	NC	
	Total Number above [	Detection Limit = 0	Maximum	Detection Limit =	0.00638	
		chlorine Pesticides and PCBs				
Analy	te : Heptachlor					
ype of Bla	ink : Method Blank					
9/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00553	ug/L	1
9/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00553	ug/L	1
9/29/94	BLK944114	CHGC7A40928120002	ND	0.00236	ug/L	1
		CHGC6A41005120004	ND	0.00553	ug/L	1
.0/08/94	BLK944213 BLK944136	CHGC7A41012120001	ND	0.00236	ug/L	1
	Total Number of Blar	 nks = 5		 ration Range:	NC	
	Total Number above [			Detection Limit =	0.00553	
		chlorine Pesticides and PCBs				
	te : Heptachlor epox	de				
Analy	· · · · · · · · · · · · · · · · · · ·					
Analy	nk : Method Blank		•			
Analy Type of Bla	nk : Method Blank	CHGC6A40915120002	ND.	0.00954	ug/L	1
Analy Type of Bla	nk : Method Blank BLK943967 B	CHGC6A40915120002 CHGC6A40926120001	ND ND	0.00954 0.00954	ug/L ua/L	1 1
Analy Type of Bla 09/16/94 09/26/94	nk : Method Blank BLK943967 B BLK94477 BM	CHGC6A40926120001	ND	0.00954	ug/L	1
Analy Type of Bla 09/16/94 09/26/94 09/29/94	BLK943967 B BLK94477 BM BLK944114	CHGC6A40926120001 CHGC7A40928120002	ND ND	0.00954 0.00227	ug/L ug/L	1 1
Analy Type of Bla 09/16/94 09/26/94	nk : Method Blank BLK943967 B BLK94477 BM	CHGC6A40926120001	ND	0.00954	ug/L	1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	BLK943967 B BLK94477 BM BLK944114 BLK944213	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND	0.00954 0.00227 0.00954	ug/L ug/L ug/L	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.00954 0.00227 0.00954 0.00227	ug/L ug/L ug/L ug/L	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136 Total Number of Blan	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.00954 0.00227 0.00954 0.00227 	ug/L ug/L ug/L ug/L	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94	BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blar	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.00954 0.00227 0.00954 0.00227 	ug/L ug/L ug/L ug/L	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 00/08/94 00/12/94	BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blar	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 chks = 5 Detection Limit = 0	ND ND ND ND Concent	0.00954 0.00227 0.00954 0.00227 	ug/L ug/L ug/L ug/L	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 10/08/94  Meth Analy	BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blan Total Number above I	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 chks = 5 Detection Limit = 0	ND ND ND ND Concent	0.00954 0.00227 0.00954 0.00227 	ug/L ug/L ug/L ug/L	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 00/08/94 00/12/94 Meth	BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136 Total Number of Blan Total Number above I	CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 chks = 5 Detection Limit = 0	ND ND ND ND Concent	0.00954 0.00227 0.00954 0.00227 	ug/L ug/L ug/L ug/L	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	nod : SW8080 - Organo /te : Methoxychlor	chlorine Pesticides and PCBs				
	ank : Method Blank, c	ont.				
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0547	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0403	ug/L	1
0/12/94	BLK944136	CHGC7A41012120001	ND	0.0547	ug/L	1
	Total Number of Bla	 nks = 5	Concent	 ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit		
		chlorine Pesticides and PCBs				
•	rte : PCB-1016					
ype of Bla	ınk : Method Blank					
9/16/94	BLK943967 B	CHGC6A40915120002	ND .	0.0327	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0327	ug/L	1
9/29/94	BLK944114	CHGC7A40928120002	ND	0.0244	ug/L	1
.0/08/94	BLK944213	CHGC6A41005120004	ND	0.0327	ug/L	1
0/12/94 	BLK944136	CHGC7A41012120001	ND	0.0244	ug/L	1
	Total Number of Blan			ation Range:	NC	
	Total Number above I	Detection Limit = 0	Maximum	Detection Limit	= 0.0327	
Math	od : SN8N80 - 0xazno	chlorine Pesticides and PCBs				
	te : PCB-1221	smoothe restroides and robs				
	nk : Method Blank					
9/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0294	ug/L	1
9/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0294	ug/L	1
9/29/94	BLK944114	CHGC7A40928120002	ND	0.0232	ug/L	1
0/08/94	BLK944213	CHGC6A41005120004	ND	0.0294	ug/L	1
0/12/94	BLK944136	CHGC7A41012120001	ND	0.0232	ug/L	1
	Total Number of Blar	ıks = 5	 Concentr	 ation Range:	NC	
	Total Number above [			Detection Limit		
		hlorine Pesticides and PCBs				
Meth	od : SW8080 – Organoc					
Analy	te : PCB-1232					
Analy						
Analy ype of Bla 9/16/94	te : PCB-1232 nk : Method Blank BLK943967 B	CHGC6A40915120002	ND	0.0743	ug/L	1
Analy ype of Bla 9/16/94 9/26/94	te : PCB-1232 nk : Method Blank BLK943967 B BLK94477 BM	CHGC6A40926120001	ND	0.0743	ug/L ug/L	1
Analy ype of Bla 9/16/94	te : PCB-1232 nk : Method Blank BLK943967 B					

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW8080 - Organo	chlorine Pesticides and PCBs				
	yte : PCB-1232					
	ank : Method Blank, c	ont.				
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0175	ug/L	1
	Total Number of Bla	nks = 5	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0743	
Met	hod : SW8080 - Organo	chlorine Pesticides and PCBs				
	yte : PCB-1242					
ype of Bl	ank : Method Blank					
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0272	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0272	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.120	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0272	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.120	ug/L 	1
	Total Number of Bla	nks = 5	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.120	
M - 4	CU0000 0	ablamica Destinidas and DCDs				
Anal	hod : SW8080 - Organo yte : PCB-1248 ank : Method Blank	chlorine Pesticides and PCBs				
Anal	yte : PCB-1248	chlorine Pesticides and PCBs  CHGC6A40915120002	ND	0.0322	ug/L	1
Anal Type of Bl 09/16/94	yte : PCB-1248 ank : Method Blank	CHGC6A40915120002 CHGC6A40926120001	ND ND	0.0322 0.0322	ug/L ug/L	1 1
Anal Type of Bl 09/16/94 09/26/94	yte : PCB-1248 ank : Method Blank BLK943967 B	CHGC6A40915120002		0.0322 0.0417	ug/L ug/L	
Anal Type of Black 09/16/94 09/26/94 09/29/94	yte : PCB-1248 ank : Method Blank BLK943967 B BLK94477 BM	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004	ND	0.0322	ug/L ug/L ug/L	1
Anal Type of Black 19/16/94 19/26/94 19/29/94 0/08/94	yte : PCB-1248 ank : Method Blank BLK943967 B BLK94477 BM BLK944114	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002	ND ND	0.0322 0.0417	ug/L ug/L	1
Anal Type of Blace 09/16/94 09/26/94 09/29/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L 	1 1 1
Anal	yte : PCB-1248 ank : Method Blank  BLK943967 B  BLK94477 BM  BLK944114  BLK944213  BLK944136	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.0322 0.0417 0.0322 0.0417	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Bl. 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 	ND ND ND ND Concent	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Black 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concent	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Black 09/16/94 09/26/94 09/29/94 .0/08/94 .0/12/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001 	ND ND ND ND Concent	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L 	1 1 1
Anal Type of Black 199/16/94 199/26/94 109/29/94 10/12/94 Meti Anal Type of Black	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  hod : SW8080 - Organo yte : PCB-1254 ank : Method Blank  BLK943967 B	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  nks = 5 Detection Limit = 0  CHORION CHGC6A40915120002	ND ND ND ND Concent Maximum	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L  NC 0.0417	1 1 1 1 
Anal Type of Black 199/16/94 199/26/94 199/29/94 10/12/94 10/12/94 10/12/94 10/16/94 199/16/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  hod : SW8080 - Organo yte : PCB-1254 ank : Method Blank  BLK943967 B BLK94477 BM	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  nks = 5 Detection Limit = 0  Chlorine Pesticides and PCBs  CHGC6A40915120002 CHGC6A40926120001	ND ND ND Concent Maximum ND	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L  NC 0.0417	1 1 1 1 
Anal Sype of Black 199/16/94 199/26/94 199/29/94 100/12/94 Meti Anal Sype of Black 199/16/94 199/26/94 199/29/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  hod : SW8080 - Organo yte : PCB-1254 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  nks = 5 Detection Limit = 0  Chlorine Pesticides and PCBs  CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002	ND ND ND Concent Maximum ND ND	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L  NC 0.0417	1 1 1 1 
Anal 199/16/94 199/26/94 199/29/94 10/08/94 10/12/94 	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  nod : SW8080 - Organo yte : PCB-1254 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  Thks = 5 Detection Limit = 0  CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004	ND ND ND Concent Maximum ND ND ND ND ND ND ND	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L Ug/L  NC 0.0417	1 1 1 1 
Anal Type of Black 199/16/94 199/29/94 10/08/94 10/12/94 10/12/94 10/12/94 10/16/94 199/26/94 199/26/94 10/08/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  hod : SW8080 - Organo yte : PCB-1254 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  nks = 5 Detection Limit = 0  Chlorine Pesticides and PCBs  CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002	ND ND ND Concent Maximum ND ND	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L ug/L  NC 0.0417	1 1 1 1 
Anal (ype of Bl. 09/16/94 09/26/94 09/29/94 10/08/94 10/12/94 Meti Anal (ype of Bl. 09/16/94 09/26/94 09/29/94	yte : PCB-1248 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Bla Total Number above  nod : SW8080 - Organo yte : PCB-1254 ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001  nks = 5 Detection Limit = 0  Chlorine Pesticides and PCBs  CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND Concent Maximum  ND ND ND ND ND ND ND ND ND ND ND ND Concent	0.0322 0.0417 0.0322 0.0417 	ug/L ug/L ug/L Ug/L  NC 0.0417	1 1 1 1 

ANALYZED	SAMPLE	BATCH	DEC *	DETECTION		DILUTION
	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
		chlorine Pesticides and PCBs				
	yte : PCB-1260 ank : Method Blank					
, , , , , , , , , , , , , , , , , , ,	and . Heeffod Brank					
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0358	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0358	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0349	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0358	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0349	ug/L	1
	Total Number of Bla		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0358	
	nod : SW8080 - Organo yte : Toxaphene	chlorine Pesticides and PCBs				
	ank : Method Blank	•				
09/16/94	BLK943967 B	CHGC6A40915120002	ND	0.0575	ug/L	1
09/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.0575	ug/L	1
09/29/94	BLK944114	CHGC7A40928120002	ND	0.0427	ug/L	1
10/08/94	BLK944213	CHGC6A41005120004	ND	0.0575	ug/L	1
10/12/94	BLK944136	CHGC7A41012120001	ND	0.0427	ug/L	1
	Total Number of Bla			ation Range:	NC	**********
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0575	
		chlorine Pesticides and PCBs				
Meth	10d : SW8080 - Organo					
	nod : SW8080 - Organo /te : alpha-BHC	cinorine restictues and reps				
Analy		office festivities and reps				
Analy Type of Bla	/te : alpha-BHC	CHGC6A40915120002	ND	0.00292	ug/L	1
Analy ype of Bla 09/16/94 09/26/94	/te : alpha-BHC ank : Method Blank		ND ND	0.00292 0.00292	ug/L ug/L	1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94	rte : alpha-BHC ank : Method Blank BLK943967 B BLK94477 BM BLK944114	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002			-	
Analy Type of Bla 09/16/94 09/26/94 09/29/94 0/08/94	rte : alpha-BHC ank : Method Blank BLK943967 B BLK94477 BM BLK944114 BLK944213	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004	ND	0.00292	ug/L	1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 0/08/94	rte : alpha-BHC ank : Method Blank BLK943967 B BLK94477 BM BLK944114	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002	ND ND	0.00292 0.00429	ug/L ug/L	1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 0/08/94	rte : alpha-BHC link : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blan	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concentr	0.00292 0.00429 0.00292 0.00429 vation Range:	ug/L ug/L ug/L ug/L NC	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 0/08/94	rte : alpha-BHC ank : Method Blank BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concentr	0.00292 0.00429 0.00292 0.00429	ug/L ug/L ug/L ug/L NC	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 0/08/94 0/12/94	rte : alpha-BHC ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blance	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concentr	0.00292 0.00429 0.00292 0.00429 vation Range:	ug/L ug/L ug/L ug/L NC	1 1 1
Analy ype of Bla 9/16/94 9/26/94 9/29/94 0/08/94 0/12/94 	rte : alpha-BHC ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blant Total Number above [	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concentr	0.00292 0.00429 0.00292 0.00429 vation Range:	ug/L ug/L ug/L ug/L NC	1 1 1
Analy Type of Bla  09/16/94  09/26/94  09/29/94  10/08/94   Meth Analy	rte : alpha-BHC ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blan Total Number above [	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concentr	0.00292 0.00429 0.00292 0.00429 vation Range:	ug/L ug/L ug/L ug/L NC	1 1 1
Analy Type of Bla 09/16/94 09/26/94 09/29/94 0/08/94 0/12/94 Meth	rte : alpha-BHC ank : Method Blank  BLK943967 B BLK94477 BM BLK944114 BLK944213 BLK944136  Total Number of Blant Total Number above [	CHGC6A40915120002 CHGC6A40926120001 CHGC7A40928120002 CHGC6A41005120004 CHGC7A41012120001	ND ND ND ND Concentr	0.00292 0.00429 0.00292 0.00429 vation Range:	ug/L ug/L ug/L ug/L NC	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8080 - Organo	ochlorine Pesticides and PCBs				
	/te : beta-BHC					
ype of Bla	ank : Method Blank, c	cont.				
9/29/94	BLK944114	CHGC7A40928120002	ND	0.00339	ug/L	1
0/08/94	BLK944213	CHGC6A41005120004	ND	0.00413	ug/L	1
0/12/94	BLK944136	CHGC7A41012120001	ND	0.00339	ug/L	1
	Total Number of Bla	nks = 5	Conc	entration Range:	NC	
	Total Number above	Detection Limit = 0	Maxi	mum Detection Limit	= 0.00413	
		13				
	nod : SW8080 - Organo /te : delta-BHC	chlorine Pesticides and PCBs				
-	ink : Method Blank					
9/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00238	ug/L	1
9/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00238	ug/L	1
9/29/94	BLK944114	CHGC7A40928120002	. ND	0.00218	ug/L	1
0/08/94	BLK944213	CHGC6A41005120004	ND	0.00238	ug/L	1
0/12/94	BLK944136	CHGC7A41012120001	0.00890	(K) 0.00218	ug/L	1
	Total Number of Bla	nks = 5	Conc	entration Range:	0.00890 - 0	. 00890
	Total Number above	Detection Limit = 1	Maxii	num Detection Limit	= 0.00238	
Meth	od - SW8080 - Organo	chlorine Pesticides and PCBs				
	rte : gamma-BHC	onto, the reservices and robs				
	nk : Method Blank					
9/16/94	BLK943967 B	CHGC6A40915120002	ND	0.00182	ug/L	1
9/26/94	BLK94477 BM	CHGC6A40926120001	ND	0.00182	ug/L	1
9/29/94	BLK944114	CHGC7A40928120002	ND	0.00391	ug/L	1
0/08/94		CHGC6A41005120004	ND	0.00182	ug/L	1
0/12/94		CHGC7A41012120001	ND	0.00391	ug/L	1
	Total Number of Bla			entration Range:		
	Total Number above	Detection Limit = 0	Maxir	num Detection Limit	= 0.00391	
	od : SW8260 - Volati					
-	te : 1,1,1,2-Tetrach nk : Ambient Blank	loroethane				
0 / 1 0 / 0 1	G94-AB-01	MSMSDB40919082801	ND	0.0851	ug/L	1
3/19/94						
	Total Number of Blad	nks = 1	Conce	entration Range:	NC	

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW8260 - Volat	ile Organic Compounds				
Ana1	yte : 1,1,1,2-Tetrac	hloroethane				
Type of Bl	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0851	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0851	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0851	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0851	ug/L	1
	Total Number of Bl	anks = 4	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0851	
		ile Organic Compounds				
	yte : 1,1,1,2-Tetrac ank : Trip Blank	hloroethane				
.ypc 01 010	unc . Il ip stallk	•				
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0851	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0851	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0851	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0851	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0851	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0851	ug/L	1
	Total Number of Bl	anks = 6	Concent	ration Range:	NC NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.0851	
		ile Organic Compounds				
_	yte : 1,1,1-Trichlor ank : Ambient Blank	oethane				
Type or bis	ank . Ambrent brank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0992	ug/L	1
	Total Number of Bla	anks = 1		ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0992	
		ile Organic Compounds				
	te : 1,1,1-Trichlor	pethane				
ype of Bla	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0992	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.0992	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0992	ug/L	1
	Total Number of Bla	anks = 4	Concent	 ration Range:	NC	
		Detection Limit = 0		Detection Limit =		
	iotal Number above	<pre>Vetection Limit = 0</pre>	Maximum	Detection Limit =	0.0992	

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	talov - Na28W2 · hou	ile Organic Compounds				
	te : 1,1,1-Trichlor	-				
_	ınk : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0992	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0992	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0992	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0992	ug/L	1
09/29/94 	G94-TB-07	MSMSDB40929151301	ND	0.0992 	ug/L 	1
	Total Number of Bla			ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0992	
	al cuoco va	ila Oussaia Cassaul				
		ile Organic Compounds				
	te : 1,1,2,2-Tetraci	Horoethane				
ype or Bla	nk : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.170	ug/L	1
	Total Number of Bla	anks = 1	Concentr	ation Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.170	
		le Organic Compounds				
	te : 1,1,2,2-Tetrach	Horoethane				
ype of Bla	nk : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.170	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.170	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.170	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.170	ug/L 	1
	Total Number of Bla		Concentr	ation Range:	NC	
		Detection Limit = 0		Detection Limit =	0.170	
Mo+h	Total Number above	Detection Limit = 0				
	Total Number above od : SW8260 - Volati	Detection Limit = 0  le Organic Compounds				
Analy	Total Number above	Detection Limit = 0  le Organic Compounds				
Analy Type of Bla	Total Number above od : SW8260 - Volati te : 1,1,2,2-Tetrach	Detection Limit = 0  le Organic Compounds		Detection Limit =	0.170	1
Analy Type of Bla	Total Number above od : SW8260 - Volati te : 1,1,2,2-Tetrach nk : Trip Blank G94-TB-01	Detection Limit = 0  The Organic Compounds aloroethane  MSMSDB40919082801	Maximum	Detection Limit = 0.170	0.170 ug/L	
Analy Type of Bla 09/19/94 09/22/94	Total Number above od : SW8260 - Volati te : 1,1,2,2-Tetrach nk : Trip Blank G94-TB-01 G94-TB-03	Detection Limit = 0  The Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Orga	Maximum ND	Detection Limit = 0.170 0.170	0.170 ug/L ug/L	1 1
Analy Type of Bla 09/19/94 09/22/94 09/22/94	Total Number above  od : SW8260 - Volati te : 1,1,2,2-Tetrach nk : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	Detection Limit = 0  The Organic Compounds increase the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management of the management	Maximum ND ND	Detection Limit =  0.170 0.170 0.170 0.170	0.170 ug/L ug/L ug/L	1
Analy Type of Bla 09/19/94 09/22/94 09/23/94	Total Number above od : SW8260 - Volati te : 1,1,2,2-Tetrach nk : Trip Blank G94-TB-01 G94-TB-03	Detection Limit = 0  The Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compounds of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Organic Compound of the Orga	Maximum ND ND ND	0.170 0.170 0.170 0.170	0.170  ug/L  ug/L  ug/L  ug/L	1 1
Analy Type of Bla 09/19/94 09/22/94 09/22/94	Total Number above  od : SW8260 - Volati te : 1,1,2,2-Tetrach nk : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	Detection Limit = 0  The Organic Compounds of the Compounds of the Compounds of the Compounds of the Compounds of the Compounds of the Compounds of the Compounds of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compound of the Compo	Maximum ND ND ND ND	Detection Limit =  0.170 0.170 0.170 0.170	0.170 ug/L ug/L ug/L	1 1 1

Compiled: 21 March 1995 ND = Not Detected NC = Not Calculable NA = Not Applicable A-1.1-19

 $[\]mbox{\scriptsize \star}$  - Value considered suspect, refer to QC report

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		ile Organic Compounds				
	rte : 1,1,2,2-Tetrac unk : Trip Blank, co					
31	,					
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.170	
Meth	od : SW8260 - Volat	ile Organic Compounds				
	te : 1,1,2-Trichlor					
Type of Bla	nk : Ambient Blank				•	
09/19/94	G94-AB-01	MSMSDB'40919082801	ND	0.0920	ug/L	1
	Total Number of Bl	anks = 1	Concenti	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0920	
	te : 1,1,2-Trichlor nk : Method Blank	pethane				
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0920	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0920	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	. ND	0:0920	ug/L	1
09/30/94 	BLK944065	MSMSDB40930181401	ND	0.0920 	ug/L 	1 
	Total Number of Bla	anks = 4		ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0920	
		ile Organic Compounds				
	te : 1,1,2-Trichlord nk : Trip Blank	petnane				
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Trip brain					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0920	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0920	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0920	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0920	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0920	ug/L	1
00/20/04	COA TR OF	MCMCDD 400001 F1 201				

Total Number of Blanks = 6

G94-TB-05

Total Number above Detection Limit = 0

Concentration Range:

Maximum Detection Limit =

0.0920

0.0920

ug/L

NC

09/29/94

1

MSMSDB40929151301

ANALYZED	SAMPLE ID 	BATCH ID 	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Ambient Blank	ile Organic Compounds nane				
9/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0886	ug/L	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 0.0886	
Anal	hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Method Blank	ile Organic Compounds nane				
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0886	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.0886	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.0886	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.0886	ug/L 	1
		anks = 4 Detection Limit = 0  ile Organic Compounds		ration Range: Detection Limit =	NC 0.0886	
Anal	Total Number above	Detection Limit = 0 ile Organic Compounds				
Anal ype of Bl	Total Number above hod : SW8260 - Volati yte : 1,1-Dichloroeth	Detection Limit = 0 ile Organic Compounds				1
Anal ype of Bl 9/19/94	Total Number above hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank	Detection Limit = 0  ile Organic Compounds  nane	Maximum	Detection Limit =	0.0886	1 1
Anal ype of Bl 9/19/94 9/22/94	Total Number above hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801	Maximum ND	Detection Limit = 0.0886	0.0886 ug/L	
Anal Type of Bl 19/19/94 19/22/94 19/22/94	Total Number above hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801 MSMSDB40922123601	Maximum ND ND	Detection Limit = 0.0886 0.0886	0.0886 ug/L ug/L	1
Anal ype of Bl 19/19/94 19/22/94 19/22/94 19/23/94	Total Number above hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301	Maximum ND ND ND	Detection Limit =  0.0886 0.0886 0.0886 0.0886 0.0886	0.0886 ug/L ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 199/19/94 199/22/94 199/23/94 199/23/94	Total Number above hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	Detection Limit = 0  The Organic Compounds than the MSMSDB40919082801  MSMSDB40922123601  MSMSDB40922123601  MSMSDB40922123601	Maximum ND ND ND ND	Detection Limit =  0.0886 0.0886 0.0886 0.0886	0.0886 ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 19/19/94 19/22/94 19/22/94 19/23/94 19/29/94	Total Number above hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301	Maximum  ND ND ND ND ND ND ND ND	0.0886 0.0886 0.0886 0.0886 0.0886 0.0886	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 199/19/94 199/22/94 199/23/94 199/23/94	Total Number above  hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07  Total Number of Bla	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301 MSMSDB40929151301	ND ND ND ND ND ND ND ND ND Concent	Detection Limit =  0.0886 0.0886 0.0886 0.0886 0.0886	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 09/19/94 09/22/94 09/22/94 09/23/94 09/29/94	Total Number above  hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07  Total Number of Bla	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301	ND ND ND ND ND ND ND ND ND Concent	0.0886 0.0886 0.0886 0.0886 0.0886 0.0886	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 09/19/94 09/22/94 09/22/94 09/23/94 09/29/94 09/29/94	Total Number above  hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07  Total Number of Bla Total Number above	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301  anks = 6 Detection Limit = 0	ND ND ND ND ND ND ND ND ND Concent	0.0886 0.0886 0.0886 0.0886 0.0886 0.0886	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 09/19/94 09/22/94 09/22/94 09/23/94 09/29/94 	Total Number above  hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07  Total Number of Bla Total Number above  hod : SW8260 - Volati yte : 1,1-Dichloroeth ank : Ambient Blank	Detection Limit = 0  ile Organic Compounds nane  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301  anks = 6 Detection Limit = 0	ND ND ND ND ND ND ND ND ND Concent	0.0886 0.0886 0.0886 0.0886 0.0886 0.0886	ug/L ug/L ug/L ug/L ug/L ug/L 0.0886	1 1 1 1

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
		ile Organic Compounds				
	yte : 1,1-Dichloroet	hene				
Type of BI	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0806	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0806	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0806	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0806	ug/L	1
	Total Number of Bla	anks = 4	Concent	ration Range:	NC	
		Detection Limit = 0		Detection Limit =		
Meti	nod : SW8260 ~ Volat	ile Organic Compounds				
	yte : 1,1-Dichloroet	•				
Type of Bla	ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0806	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0806	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0806	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0806	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0806	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0806	ug/L	1
	Total Number of Bla	anks = 6	Concent	ration Range:	NC	
		Detection Limit = 0		Detection Limit =	0.0806	
Meth	nod : SW8260 - Volati	ile Organic Compounds				
-	te : 1,2,3-Trichloro	ppropane				
Type of Bla	nk : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.233	ug/L	1
09/19/94	G94-AB-01 Total Number of Bla			0.233  ration Range:	ug/L  NC	1 
09/19/94	Total Number of Bla		Concent		NC NC	1
09/19/94	Total Number of Bla	anks = 1	Concent	ration Range:	NC NC	1
Meth	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0 le Organic Compounds	Concent	ration Range:	NC NC	1
Meth Analy	Total Number of Bla Total Number above and: SW8260 - Volati	anks = 1 Detection Limit = 0 le Organic Compounds	Concent	ration Range:	NC NC	1
Meth Analy	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0 le Organic Compounds	Concent	ration Range:	NC NC	1
Meth Analy Type of Bla	Total Number of Bla Total Number above and: SW8260 - Volati	anks = 1 Detection Limit = 0 le Organic Compounds	Concent	ration Range:	NC NC	1 1
Meth Analy Type of Bla 09/19/94 09/22/94	Total Number of Bla Total Number above  nod : SW8260 - Volati rte : 1,2,3-Trichlord rtk : Method Blank  BLK944042 BLK944050	anks = 1  Detection Limit = 0  le Organic Compounds opropane	Concent: Maximum	ration Range: Detection Limit =	NC 0.233	
Meth Analy Type of Bla 09/19/94 09/22/94 09/29/94	Total Number of Bla Total Number above  nod : SW8260 - Volati rte : 1,2,3-Trichloro rnk : Method Blank  BLK944042  BLK944050  BLK944060	anks = 1 Detection Limit = 0  le Organic Compounds opropane  MSMSDB40919082801	Concent: Maximum	ration Range:  Detection Limit =	NC 0.233 ug/L	1
Meth Analy Type of Bla 09/19/94 09/22/94 09/29/94	Total Number of Bla Total Number above  nod : SW8260 - Volati rte : 1,2,3-Trichlord rtk : Method Blank  BLK944042 BLK944050	anks = 1 Detection Limit = 0  le Organic Compounds opropane  MSMSDB40919082801 MSMSDB40922123601	Concent: Maximum ND ND	ration Range: Detection Limit =  0.233 0.233	NC 0.233 ug/L ug/L	1 1
Analy Type of Bla 09/19/94 09/22/94	Total Number of Bla Total Number above  nod : SW8260 - Volati rte : 1,2,3-Trichloro rnk : Method Blank  BLK944042  BLK944050  BLK944060	nnks = 1 Detection Limit = 0  le Organic Compounds propane  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	Concent: Maximum ND ND ND ND	ration Range: Detection Limit =  0.233 0.233 0.233	NC 0.233 ug/L ug/L ug/L	1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID 	RESULT	LIMIT	UNITS	FACTOR
		ile Organic Compounds				
_	te : 1,2,3-Trichloro	opropane				
ype of Bla	nk : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.233	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.233	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.233	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.233	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.233	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.233	ug/L	1
	Total Number of Bla	anks = 6	 Concentr	ation Range:	NC	
		Detection Limit = 0		Detection Limit =	0.233	
		ile Organic Compounds				
-	te : 1,2-Dichlorober .nk : Ambient Blank	nzene				
					,,	_
09/19/94 	G94-AB-01	MSMSDB40919082801	ND 	0.354 	ug/L 	1 
	Total Number of Bla			ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.354	
Wa+h	ind + SW82ED - Vola++	ile Organic Compounds				
	rte : 1,2-Dichlorober		-			
=	nk : Method Blank					
	D: V044042	MSMSDB40919082801	ND	0.354	ug/L	1
	BLK944042	MSMSDB40922123601	ND	0.354	ug/L	1
	BLK944050			0.354	ug/L	1
09/22/94	BI KONNUEU					
09/22/94 09/29/94	BLK944060 BLK944065	MSMSDB40929151301 MSMSDB40930181401	ND ND	0.354	ug/L	1
09/22/94 09/29/94		MSMSDB40930181401	ND			1
09/19/94 09/22/94 09/29/94 09/30/94	BLK944065  Total Number of Bla	MSMSDB40930181401	ND  Concentr	0.354	ug/L  NC	
09/22/94 09/29/94	BLK944065  Total Number of Bla	MSMSDB40930181401 anks = 4	ND  Concentr	0.354 ration Range:	ug/L  NC	
09/22/94 09/29/94 09/30/94	BLK944065 Total Number of Bla Total Number above	MSMSDB40930181401 anks = 4	ND  Concentr	0.354 ration Range:	ug/L  NC	
09/22/94 09/29/94 09/30/94 	BLK944065 Total Number of Bla Total Number above	MSMSDB40930181401  anks = 4  Detection Limit = 0  ile Organic Compounds	ND  Concentr	0.354 ration Range:	ug/L  NC	
09/22/94 09/29/94 09/30/94  Meth Analy	BLK944065  Total Number of Bla Total Number above	MSMSDB40930181401  anks = 4  Detection Limit = 0  ile Organic Compounds	ND  Concentr	0.354 ration Range:	ug/L  NC	
09/22/94 09/29/94 09/30/94  Meth Analy	BLK944065  Total Number of Bla Total Number above  od : SW8260 - Volati te : 1,2-Dichlorober	MSMSDB40930181401  anks = 4  Detection Limit = 0  ile Organic Compounds	ND  Concentr	0.354 ration Range:	ug/L  NC	
09/22/94 09/29/94 09/30/94  Meth Analy	BLK944065  Total Number of Bla Total Number above  nod : SW8260 - Volati rte : 1,2-Dichlorober ink : Trip Blank	MSMSDB40930181401  anks = 4  Detection Limit = 0  ile Organic Compounds nzene	ND Concentr Maximum	0.354 Pation Range: Detection Limit =	ug/L  NC 0.354	
Meth Analy Sy/29/94 09/30/94  Meth Analy Sype of Bla 09/19/94 09/22/94	BLK944065  Total Number of Bla Total Number above  sod : SW8260 - Volati te : 1,2-Dichlorober ink : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	MSMSDB40930181401  anks = 4  Detection Limit = 0  ile Organic Compounds nzene  MSMSDB40919082801	ND Concentr Maximum ND	0.354  Pation Range: Detection Limit =	ug/L NC 0.354 ug/L	
Meth Analy 199/29/94 09/30/94  Meth Analy Type of Bla 09/19/94 09/22/94 09/22/94	BLK944065  Total Number of Bla Total Number above  Nod : SW8260 - Volati te : 1,2-Dichlorober Ink : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds nzene  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601	ND Concentr Maximum ND ND	0.354 Pation Range: Detection Limit =  0.354 0.354 0.354 0.354 0.354 0.354	ug/L NC 0.354  ug/L ug/L ug/L ug/L	1 1
Meth Analy 199/22/94 09/30/94  Meth Analy Type of Bla 09/19/94 09/22/94 09/22/94 09/23/94 09/29/94	BLK944065  Total Number of Bla Total Number above  sod : SW8260 - Volati te : 1,2-Dichlorober ink : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds nzene  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301	ND Concentr Maximum ND ND ND	0.354 ration Range: Detection Limit =  0.354 0.354 0.354 0.354 0.354 0.354 0.354	ug/L NC 0.354 ug/L ug/L ug/L	1 1
Meth Analy 19/22/94 19/30/94 Meth Analy Type of Bla 19/19/94 19/22/94 19/22/94	BLK944065  Total Number of Bla Total Number above  Nod : SW8260 - Volati te : 1,2-Dichlorober Ink : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds nzene  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601	ND  Concentr  Maximum  .  ND  ND  ND  ND  ND	0.354 Pation Range: Detection Limit =  0.354 0.354 0.354 0.354 0.354 0.354	ug/L NC 0.354  ug/L ug/L ug/L ug/L	1 1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW8260 - Vola yte : 1,2-Dichlorob ank : Trip Blank, co					
	Total Number above	e Detection Limit = 0	Maximum	Detection Limit =	0.354	
Anal	chod : SW8260 - Volat yte : 1,2-Dichloroet ank : Ambient Blank	tile Organic Compounds thane				
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0791	ug/L	1
	Total Number of Bl Total Number above	lanks = 1 e Detection Limit = 0		ration Range: Detection Limit =	NC 0.0791	
Met	hod : SW8260 - Volat	ile Organic Compounds				
Anal Type of Bl 09/19/94 09/22/94 09/29/94	hod : SW8260 - Volat yte : 1,2-Dichloroet ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40930181401	ND ND ND ND	0.0791 0.0791 0.0791 0.0791	ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 09/19/94 09/22/94 09/29/94	yte : 1,2-Dichloroet ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.0791 0.0791 0.0791 	ug/L ug/L ug/L 	1 1
Anal Type of Bl 09/19/94 09/22/94 09/29/94	yte : 1,2-Dichloroet ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.0791 0.0791 0.0791	ug/L ug/L ug/L 	1 1
Anal Type of Bl D9/19/94 D9/22/94 D9/29/94 D9/30/94 	yte : 1,2-Dichloroet ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bl Total Number above	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND ND Concentr	0.0791 0.0791 0.0791 	ug/L ug/L ug/L 	1 1
Anal Type of Bl 09/19/94 09/22/94 09/29/94 09/30/94 	yte : 1,2-Dichloroet ank : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bl Total Number above  hod : SW8260 - Volat yte : 1,2-Dichloroet	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds hane	ND ND ND Concentr	0.0791 0.0791 0.0791 	ug/L ug/L ug/L 	1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
		<del>-</del>				
Anal	nod : SW8260 - Volati yte : 1,2-Dichloropro	- · · · · · · · · · · · · · · · · · · ·				
Type of BI 09/19/94	ank : Ambient Blank G94-AB-01	MSMSDB40919082801	ND	0.0742	ug/L	1
	Total Number of Bla Total Number above	nks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 0.0742	
Met	nod : SW8260 - Volati	le Organic Compounds				
	te : 1,2-Dichloropro					
ype of Bla	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0742	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.0742	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.0742	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.0742	ug/L	1
,	Total Number of Bla	nks = 4	Concentr	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0742	
	nod : SW8260 - Volati					
	/te : 1,2-Dichloropro ank : Trip Blank	pane				
<b>JP-</b>						
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0742	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0742	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0742	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND ND	0.0742	ug/L	1
9/29/94 9/29/94	G94-TB-07 G94-TB-05	MSMSDB40929151301 MSMSDB40929151301	ND ND	0.0742 0.0742	ug/L ug/L	1
	Tata 3 Number of Dia			nation Dance.		
	Total Number of Bla Total Number above			ation Range: Detection Limit =	NC 0.0742	
	Tota: Number above	Detection Finish - 0	Plax I IIIuIII	Detection Limit -	0.0742	
Ma+1	nod : SW8260 - Volati	le Organic Compounds				
	te : 1,3-Dichloroben					
	ınk : Ambient Blank					
19/19/94	G94-AB-01	MSMSDB40919082801	ND	0.391	ug/L	1
	Total Number of Bla	nks = 1	Concentr	ation Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.391	

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	nod : SW8260 ~ Volat	tile Organic Compounds				
	yte : 1,3-Dichlorobe					
Type of Bl	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.391	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.391	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.391	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.391	ug/L	1
	Total Number of Bl	anks = 4	Concent	ration Range:	NC NC	
	Total Number above	e Detection Limit = 0	Maximum	Detection Limit =	0.391	
	nod : SW8260 - Volat /te : 1,3-Dichlorobe	ile Organic Compounds				
-	nk : Trip Blank	::IZEIIE				
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.391	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.391	ug/L ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.391	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.391	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.391	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.391	ug/L	1
	Total Number of Bl		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.391	
		ile Organic Compounds				
Analy	te : 1,4-Dichlorobe	•				
Analy		•				
Analy	te : 1,4-Dichlorobe	•	ND	0.423	ug/L	1
Analy ype of Bla	te : 1,4-Dichlorobe nk : Ambient Blank  G94-AB-01  Total Number of Bl	MSMSDB40919082801 anks = 1		0.423 ration Range:	ug/L  NC	1
Analy Type of Bla	te : 1,4-Dichlorobe nk : Ambient Blank  G94-AB-01  Total Number of Bl	mzene MSMSDB40919082801	Concentr		NC	1
Analy Type of Bla 09/19/94	rte : 1,4-Dichlorobe nk : Ambient Blank G94-AB-01 Total Number of Bl Total Number above	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ration Range:	NC	1
Analy ype of Bla 9/19/94  Meth	rte : 1,4-Dichlorobe nk : Ambient Blank  G94-AB-01  Total Number of Bl. Total Number above  od : SW8260 - Volat	MSMSDB40919082801anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr	ration Range:	NC	1
Analy ype of Bla 9/19/94 Meth Analy	rte : 1,4-Dichlorobe nk : Ambient Blank G94-AB-01 Total Number of Bl Total Number above	MSMSDB40919082801anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr	ration Range:	NC	1
Analy ype of Bla  9/19/94   Meth Analy ype of Bla	te: 1,4-Dichlorobe nk: Ambient Blank  G94-AB-01  Total Number of Bl Total Number above  od: SW8260 - Volat te: 1,4-Dichlorobe	MSMSDB40919082801anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr Maximum	ration Range: Detection Limit =	NC 0.423	
Analy ype of Bla  9/19/94  Meth Analy ype of Bla	rte : 1,4-Dichlorobe nk : Ambient Blank  G94-AB-01  Total Number of Bl. Total Number above  od : SW8260 - Volat te : 1,4-Dichlorober nk : Method Blank	MSMSDB40919082801anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr	ration Range: Detection Limit =	NC 0.423 ug/L	1
Analy Type of Bla  19/19/94  Meth Analy ype of Bla  19/19/94 19/22/94	te: 1,4-Dichlorobe nk: Ambient Blank  G94-AB-01  Total Number of Bl. Total Number above  od: SW8260 - Volat te: 1,4-Dichlorobe nk: Method Blank  BLK944042	MSMSDB40919082801anks = 1 Detection Limit = 0  ile Organic Compounds nzene  MSMSDB40919082801	Concentr Maximum ND ND	ration Range: Detection Limit =  0.423 0.423	NC 0.423 ug/L ug/L	1 1
Analy ype of Bla  9/19/94   Meth Analy ype of Bla  9/19/94  9/22/94	te: 1,4-Dichlorobe nk: Ambient Blank  G94-AB-01  Total Number of Bl. Total Number above  od: SW8260 - Volatte: 1,4-Dichlorobe nk: Method Blank  BLK944042 BLK944050	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds nzene  MSMSDB40919082801 MSMSDB40922123601	Concentr Maximum ND	ration Range: Detection Limit =	NC 0.423 ug/L	1
Analy Type of Bla 09/19/94  Meth Analy	rte: 1,4-Dichlorobe nk: Ambient Blank  G94-AB-01  Total Number of Bl Total Number above  od: SW8260 - Volat te: 1,4-Dichlorobe nk: Method Blank  BLK944042 BLK944050 BLK944060	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds nzene  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	Concentr Maximum ND ND ND ND	o.423 0.423 0.423	NC 0.423 ug/L ug/L ug/L	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH I D	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Metł	ood · SW8260 - Volati	ile Organic Compounds				'
	yte : 1,4-Dichlorobe					
	ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.423	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.423	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.423	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.423	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.423	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.423	ug/L	1
	Total Number of Bla			ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.423	
Ma+h	nod - SW8260 - Vola+-	ile Organic Compounds				
	/te : 1-Chlorohexane	To organic compounds				
-	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.154	ug/L	1
	Total Number of Bla	nks = 1	Concentr	ation Range:	NC	
		Detection Limit = 0		Detection Limit		
	TOTAL MANIES ASSIS					
Meth	nod : SW8260 - Volati	le Organic Compounds				
	rte : 1-Chlorohexane					
Type of Bla	ink : Method Blank					
9/19/94	BLK944042	MSMSDB40919082801	ND	0.154	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.154	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.154	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.154	ug/L	1
	Total Number of Bla			ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.154	
Ma≠h	nad + SUBSER = Vala++	le Organic Compounds				
	te : 1-Chlorohexane	re organite compounds				
<del>-</del>	nk : Trip Blank				•	
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.154	ug/L	1
3/13/34	G94-TB-03	MSMSDB40922123601	ND	0.154	ug/L	1
	G94-TB-02	MSMSDB40922123601	ND	0.154	ug/L	1
9/22/94		MSMSDB40922123601	ND	0.154	ug/L	1
)9/22/94 )9/22/94	G94-TB-04	11011000100001				
09/22/94 09/22/94 09/23/94 09/29/94	G94-TB-04 G94-TB-07	MSMSDB40929151301	ND	0.154	ug/L	1
9/22/94 99/22/94 99/23/94			ND ND	0.154 0.154	ug/L ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

	ID	BATCH I D 	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
		ile Organic Compounds				
	yte : 1-Chlorohexane					
Type of BI	ank : Trip Blank, co	nt.				
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.154	
Anal	hod : SW8260 - Volat yte : 2-Butanone(MEK ank : Ambient Blank	ile Organic Compounds )				
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.890	ug/L	1
	Total Number of Bl	 anks = 1	Concent	 ration Range:	NC	
		Detection Limit = 0		Detection Limit =		
ype of Bla	ank : Method Blank					
)9/22/94 )9/29/94	BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND ND	0.890 0.890 0.890 0.890	ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/29/94	BLK944050 BLK944060 BLK944065	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND	0.890 0.890 0.890	ug/L ug/L ug/L	1 1
09/19/94 09/22/94 09/29/94 09/30/94	BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concent:	0.890 0.890	ug/L ug/L ug/L NC	1 1
09/22/94 09/29/94 09/30/94  Meth Analy	BLK944050 BLK944060 BLK944065  Total Number of Bla	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concent:	0.890 0.890 0.890 ration Range:	ug/L ug/L ug/L NC	1 1
09/22/94 09/29/94 09/30/94  Meth Analy Type of Bla	BLK944050 BLK944060 BLK944065  Total Number of Blace Total Number above  hod : SW8260 - Volate yte : 2-Butanone(MEK) ank : Trip Blank  G94-TB-01	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND ND Concent:	0.890 0.890 0.890 ration Range:	ug/L ug/L ug/L NC	1 1
Meth Analy ype of Bla	BLK944050 BLK944060 BLK944065 Total Number of Blace Total Number above  The SW8260 - Volate  Total Summan (MEK)  Total Trip Blank  G94-TB-01 G94-TB-02	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concent: Maximum	0.890 0.890  ration Range: Detection Limit =	ug/L ug/L ug/L NC 0.890	1 1 1
Meth Analy Type of Bla 09/22/94	BLK944050 BLK944060 BLK944065  Total Number of Black Total Number above  hod : SW8260 - Volative: 2-Butanone(MEK) ank : Trip Blank  G94-TB-01 G94-TB-02 G94-TB-03	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds )  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601	ND ND Concents Maximum 3.55 3.42 3.38	0.890 0.890 	ug/L ug/L ug/L	1 1 1
Meth Analy D9/22/94 09/30/94  Meth Analy Type of Bla 09/19/94 09/22/94 09/22/94	BLK944050 BLK944060 BLK944065  Total Number of Blance  Total Number above   MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND Concents Maximum 3.55 3.42 3.38 3.61	0.890 0.890 	ug/L ug/L  NC 0.890  ug/L ug/L ug/L ug/L	1 1 1	
Meth Analy 199/29/94 09/30/94  Meth Analy 199e of Bla 199/19/94 09/22/94 09/22/94 09/23/94	BLK944050 BLK944060 BLK944065  Total Number of Blace Total Number above  Hod: SW8260 - Volate  Tyte: 2-Butanone(MEK) Ank: Trip Blank  G94-TB-01 G94-TB-02 G94-TB-03 G94-TB-04 G94-TB-07	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds )  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301	ND ND Concents Maximum 3.55 3.42 3.38 3.61 3.95	0.890 0.890 	ug/L ug/L  NC 0.890  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1
Meth Analy D9/22/94 09/30/94  Meth Analy Type of Bla 09/19/94 09/22/94 09/22/94	BLK944050 BLK944060 BLK944065  Total Number of Blance  Total Number above   MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND Concents Maximum 3.55 3.42 3.38 3.61	0.890 0.890 	ug/L ug/L  NC 0.890  ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1	
Meth Analy 199/29/94 09/30/94  Meth Analy 199e of Bla 199/19/94 09/22/94 09/22/94 09/23/94	BLK944050 BLK944060 BLK944065  Total Number of Blace Total Number above  Hod: SW8260 - Volate  Tyte: 2-Butanone(MEK) Ank: Trip Blank  G94-TB-01 G94-TB-02 G94-TB-03 G94-TB-04 G94-TB-07	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4  Detection Limit = 0  ile Organic Compounds )  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301	ND ND Concents Maximum 3.55 3.42 3.38 3.61 3.95 6.35	0.890 0.890 	ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	nod : SW8260 - Volati yte : 2-Chloroethyl v ank : Ambient Blank	le Organic Compounds vinyl ether				
9/19/94	G94-AB-01	MSMSDB40919082801	ND	0.124	ug/L	1
	Total Number of Bla Total Number above	unks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 0.124	
Analy	nod : SW8260 - Volati vte : 2-Chloroethyl v ank : Method Blank	le Organic Compounds rinyl ether				
9/19/94	BLK944042	MSMSDB40919082801	ND	0.124	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.124	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.124	ug/L	1
9/30/94 	BLK944065 	MSMSDB40930181401	ND	0.124 	ug/L 	1
	Total Number of Bla Total Number above	nks = 4 Detection Limit = 0		ration Range: Detection Limit =	NC 0.124	
Meth	nod : SW8260 - Volati	le Organic Compounds				
	rte : 2-Chloroethyl v ank : Trip Blank	inyl ether	,			
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.124	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.124	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	ND	0.124	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND ND	0.124	ug/L	1
)9/29/94 )9/29/94	G94-TB-07 G94-TB-05	MSMSDB40929151301 MSMSDB40929151301	ND ND	0.124 0.124	ug/L ug/L	1 1
	Total Number of Bla	nks = 6	Concent	 ration Range:	NC	
		Detection Limit = 0		Detection Limit =	0.124	
Analy	nod : SW8260 - Volati /te : 2-Hexanone unk : Ambient Blank	le Organic Compounds				
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.766	ug/L	1
	Total Number of Bla			ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.766	

ANALYZED	SAMPLE	BATCH	DECHLE	DETECTION	LINUTE	DILUTION
	ID	ID	RESULT 	LIMIT 	UNITS	FACTOR
<b>M</b> 11	1 000000 W 3 /					
	nod : Sw8260 - Volat yte : 2-Hexanone	ile Organic Compounds				
	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.766	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.766	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.766	ug/L	1
09/30/94 	BLK944065	MSMSDB40930181401	ND	0.766	ug/L	1 
	Total Number of Bl	anks = 4		ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.766	
		ile Organic Compounds				
	rte : 2-Hexanone ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.766	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.766	ug/L ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.766	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.766	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	1.15	0.766	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.766	ug/L	1
	Total Number of Bla	anks = 6	Concentr	 ation Range:	1.15 -	
	Total Number above	Detection Limit = 1	Maximum	Detection Limit =	0.766	
		ile Organic Compounds				
Analy	rte : 4-Methyl-2-Pent Ink : Ambient Blank	canone (MIDN)				
Analy Type of Bla	nk : Ambient Blank		ND	0 501	ug/l	1
Analy	=	MSMSDB40919082801	ND	0.501	ug/L	1
Analy Type of Bla	nk : Ambient Blank  G94-AB-01  Total Number of Bla	MSMSDB40919082801 anks = 1	Concentr	ation Range:	NC NC	1
Analy Type of Bla	nk : Ambient Blank  G94-AB-01  Total Number of Bla	MSMSDB40919082801	Concentr		NC NC	1
Analy Type of Bla 09/19/94	nk : Ambient Blank  G94-AB-01  Total Number of Bla  Total Number above	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC NC	1
Analy Type of Bla 09/19/94 	G94-AB-01 Total Number of Bla Total Number above	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr	ation Range:	NC NC	1
Analy Type of Bla  D9/19/94  Meth Analy	nk : Ambient Blank  G94-AB-01  Total Number of Bla  Total Number above	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr	ation Range:	NC NC	1
Analy Type of Bla  D9/19/94  Meth Analy Type of Bla	G94-AB-O1 Total Number of Bla Total Number above  od : SW8260 - Volati te : 4-Methyl-2-Pen	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr	ation Range: Detection Limit =	NC 0.501	
Analy Type of Bla  09/19/94  Meth Analy Type of Bla	G94-AB-01  Total Number of Bla Total Number above  Total Number above  Total Number above  Total Number above  Total Number above	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds tanone(MIBK)	Concentr Maximum	ation Range:	NC NC	1 1 1 1
Analy Type of Bla  09/19/94  Meth Analy Type of Bla  09/19/94	G94-AB-O1 Total Number of Bla Total Number above  od : SW8260 - Volati te : 4-Methyl-2-Pent nk : Method Blank  BLK944042	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds tanone(MIBK)  MSMSDB40919082801	Concentr Maximum   ND	ation Range: Detection Limit =	NC 0.501 ug/L	1
Analy Type of Bla  09/19/94  Meth Analy Type of Bla  09/19/94 09/22/94 09/29/94	G94-AB-O1 Total Number of Bla Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds tanone(MIBK)  MSMSDB40919082801 MSMSDB40922123601	Concentr Maximum ND ND	ation Range: Detection Limit =  0.501 0.501	NC 0.501 ug/L ug/L	1
Analy Type of Bla  D9/19/94  Meth Analy Type of Bla  D9/19/94  D9/22/94	G94-AB-O1 Total Number of Black Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number of Blank  Total Number above   MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds tanone(MIBK)  MSMSDB40919082801 MSMSDB40929123601 MSMSDB40929151301 MSMSDB40930181401	Concentr Maximum   ND ND ND ND	0.501 0.501 0.501	NC 0.501 ug/L ug/L ug/L	1 1 1	

ANALYZED	SAMPLE ID	BATCH ID -	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
					+	
		ile Organic Compounds				
-	yte : 4-Methyl-2-Pent	tanone(MIBK)				
Type of Bla	ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.501	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.501	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.501	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.501	ug/L	1
	G94-TB-05	MSMSDB40929151301	1.60	0.501	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.501	ug/L	1
	Total Number of Bla	anks = 6	Concer	tration Range:	1.60 -	1.60
		Detection Limit = 1		m Detection Limit		
Meth	nod : SW8260 - Volati	ile Organic Compounds				
	yte : Acetone	- ,				
	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	2.57 (	(B) 2.09	ug/L	. 1
	Total Number of Bla	anke = 1		tration Range:	2.57 -	2.57
		Detection Limit = 1		um Detection Limit :		2.37
	TOTAL MUMBEL ADOVE	Detection Limit - 1	Harring	an beceeven time	2.00	
Meti	nod : SW8260 - Volat:	ile Organic Compounds				
	yte : Acetone	5				
	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	3.38 (	(B) 2.09	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	2.88 (	(B) 2.09	ug/L	1
09/29/94		MSMSDB40929151301	2.24 (		ug/L	1
09/30/94		MSMSDB40930181401	2.76 (		ug/L	1
39/30/94					2 24	2 20
<del></del>	Total Number of Bla	anks = 4	Concer	itration Range:	2.24 -	J.J0
09/30/94 		anks = 4 Detection Limit = 4		ntration Range: um Detection Limit :		3.30
						3.00
Meth	Total Number above nod : SW8260 - Volat					3.30
Meth Analy	Total Number above nod : SW8260 - Volat yte : Acetone	Detection Limit = 4				3.36
Meth Analy	Total Number above nod : SW8260 - Volat	Detection Limit = 4				3.30
Meth Analy Type of Bla	Total Number above nod : SW8260 - Volat yte : Acetone	Detection Limit = 4				1
Meth Analy	Total Number above nod : SW8260 - Volat yte : Acetone ank : Trip Blank	Detection Limit = 4 ile Organic Compounds	Maximu	um Detection Limit :	= 2.09	
Meth Analy Type of Bla 09/19/94 09/22/94	Total Number above  nod : SW8260 - Volat- yte : Acetone ank : Trip Blank  G94-TB-01	Detection Limit = 4  ile Organic Compounds  MSMSDB40919082801	Ma×imu 12.5	um Detection Limit : 2.09 2.09	= 2.09 ug/L	1
Meth Analy Type of Bla 09/19/94 09/22/94 09/22/94	Total Number above  nod : SW8260 - Volati yte : Acetone ank : Trip Blank  G94-TB-01 G94-TB-02 G94-TB-03	Detection Limit = 4  ile Organic Compounds  MSMSDB40919082801  MSMSDB40922123601	Maximu 12.5 10.5	um Detection Limit :	= 2.09 ug/L ug/L	1 1
Meth Analy Type of Bla 09/19/94 09/22/94 09/22/94 09/23/94	Total Number above  nod : SW8260 - Volati yte : Acetone ank : Trip Blank  G94-TB-01 G94-TB-02 G94-TB-03 G94-TB-04	Detection Limit = 4  ile Organic Compounds  MSMSDB40919082801  MSMSDB40922123601  MSMSDB40922123601  MSMSDB40922123601	12.5 10.5 11.8	2.09 2.09 2.09 2.09	= 2.09 ug/L ug/L ug/L	1 1 1
Meth Analy Type of Bla 09/19/94 09/22/94 09/22/94 09/23/94	Total Number above  nod : SW8260 - Volative : Acetone ank : Trip Blank  G94-TB-01 G94-TB-02 G94-TB-03 G94-TB-04 G94-TB-07 G94-TB-07	Detection Limit = 4  ile Organic Compounds  MSMSDB40919082801  MSMSDB40922123601  MSMSDB40922123601	12.5 10.5 11.8 10.9 12.2 14.9	2.09 2.09 2.09 2.09 2.09	ug/L ug/L ug/L ug/L ug/L	1 1 1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

Total Number above Detection Limit = 1	DILUTION FACTOR	UNITS	DETECTION LIMIT		RESULT	BATCH ID 	SAMPLE ID	DATE ANALYZED			
Method: SW8260 - Volatile Organic Compounds           Analyte: Benzene           Type of Blank: Ambient Blank           09/19/94							te : Acetone	Analy			
Analyte : Benzene Type of Blank : Ambient Blank  19/19/94		2.09	cection Limit =	mum Det	Maxi	Detection Limit = 6	Total Number above D				
Total Number of Blanks = 1						ile Organic Compounds	te : Benzene	Analy			
Total Number above Detection Limit = 1	1	ug/L	0.0307		0.120	MSMSDB40919082801	G94-AB-01	09/19/94			
Analyte : Benzene  Type of Blank : Method Blank  19/19/94 BLK944042 MSMSDB40919082801 0.0400 (B) 0.0307 ug/L  19/22/94 BLK944050 MSMSDB40922123601 0.0300 (JB) 0.0307 ug/L  19/29/94 BLK944060 MSMSDB40929151301 ND 0.0307 ug/L  19/30/94 BLK944065 MSMSDB40930181401 0.0200 (JB) 0.0307 ug/L  Total Number of Blanks = 4  Total Number above Detection Limit = 1  Maximum Detection Limit = 0.0307  Method : SW8260 - Volatile Organic Compounds  Analyte : Benzene  Type of Blank : Trip Blank  19/19/94 G94-TB-01 MSMSDB40919082801 0.0200 (JB) 0.0307 ug/L  19/22/94 G94-TB-02 MSMSDB40919082801 0.0300 (JB) 0.0307 ug/L  19/22/94 G94-TB-03 MSMSDB40922123601 0.0300 (JB) 0.0307 ug/L  19/23/94 G94-TB-04 MSMSDB40922123601 0.0200 (JB) 0.0307 ug/L  19/23/94 G94-TB-04 MSMSDB40922123601 0.0600 (B) 0.0307 ug/L  19/29/94 G94-TB-07 MSMSDB4092123601 0.0600 (B) 0.0307 ug/L	0.120		=				Total Number of Blanks = 1				
09/22/94 BLK944050 MSMSDB40922123601 0.0300 (JB) 0.0307 ug/L 09/29/94 BLK944060 MSMSDB40929151301 ND 0.0307 ug/L 09/30/94 BLK944065 MSMSDB40930181401 0.0200 (JB) 0.0307 ug/L  Total Number of Blanks = 4 Concentration Range: 0.0200 - 0 Total Number above Detection Limit = 1 Maximum Detection Limit = 0.0307  Method: SW8260 - Volatile Organic Compounds Analyte: Benzene Type of Blank: Trip Blank  09/19/94 G94-TB-01 MSMSDB40919082801 0.0200 (JB) 0.0307 ug/L 09/22/94 G94-TB-02 MSMSDB40922123601 0.0300 (JB) 0.0307 ug/L 09/22/94 G94-TB-03 MSMSDB40922123601 0.0200 (JB) 0.0307 ug/L 09/23/94 G94-TB-04 MSMSDB40922123601 0.0200 (JB) 0.0307 ug/L 09/23/94 G94-TB-04 MSMSDB40922123601 0.0600 (B) 0.0307 ug/L 09/29/94 G94-TB-07 MSMSDB40929151301 ND 0.0307 ug/L						ile Organic Compounds	te : Benzene	Analy			
ND	1	ug/L	0.0307	(B)	0.0400	MSMSDB40919082801	BLK944042	09/19/94			
Total Number of Blanks = 4 Total Number above Detection Limit = 1  Method: SW8260 - Volatile Organic Compounds Analyte: Benzene Type of Blank: Trip Blank  MSMSDB40919082801  MSMSDB40919082801  MSMSDB4092123601  MSMSDB40922123601  MSMSDB40929151301  MD  MSMSDB40929151301  MD  MSMSDB40929151301	1			(JB)							
Total Number above Detection Limit = 1	1 1	-		(JB)							
Analyte : Benzene Type of Blank : Trip Blank  09/19/94	0.0400		=								
09/22/94 G94-TB-02 MSMSDB40922123601 0.0300 (JB) 0.0307 ug/L 09/22/94 G94-TB-03 MSMSDB40922123601 0.0200 (JB) 0.0307 ug/L 09/23/94 G94-TB-04 MSMSDB40922123601 0.0600 (B) 0.0307 ug/L 09/29/94 G94-TB-07 MSMSDB40929151301 ND 0.0307 ug/L						ile Organic Compounds	te : Benzene	Analy			
09/22/94       G94-TB-02       MSMSDB40922123601       0.0300 (JB)       0.0307       ug/L         09/22/94       G94-TB-03       MSMSDB40922123601       0.0200 (JB)       0.0307       ug/L         09/23/94       G94-TB-04       MSMSDB40922123601       0.0600 (B)       0.0307       ug/L         09/29/94       G94-TB-07       MSMSDB40929151301       ND       0.0307       ug/L	1	ug/L	0.0307	(JB)	0.0200	MSMSDB40919082801	G94-TB-01	09/19/94			
09/23/94 G94-TB-04 MSMSDB40922123601 0.0600 (B) 0.0307 ug/L 09/29/94 G94-TB-07 MSMSDB40929151301 ND 0.0307 ug/L	1										
19/29/94 G94-TB-07 MSMSDB40929151301 ND 0.0307 ug/L	1				0.0200	MSMSDB40922123601	G94-TB-03	9/22/94			
	1	ug/L	0.0307	(B)			G94-TB-04				
20/20/04 COA TD OF HOMODDA00001F1001 D 000D (3D) 0 000D	1	ug/L									
J9/30/94 G94-18-05 M5M5DB40929151301 0.0300 (JB) 0.030/ ug/L	1	ug/L 	0.0307	(JB) 	0.0300	MSMSDB40929151301	G94-TB-05	09/30/94 			

Total Number above Detection Limit = 1

Maximum Detection Limit = 0.0307

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE	SAMPLE	BATCH	DEC!!! T	DETECTION	INITE	DILUTION
ANALYZED	ID	. ID	RESULT	LIMIT	UNITS	FACTOR
		•		•		
Meth	nod : SW8260 - Volati	le Organic Compounds				
	yte : Bromobenzene					
Type of Bla	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.165	ug/L	1
	Total Number of Bla	nks = 1	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.165	
Moth	ood : \$48260 - Volati	le Organic Compounds				
	/te : Bromobenzene	re organie compounds				
Type of Bla	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.165	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.165	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.165	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.165	ug/L	1
	Total Number of Bla	nks = 4	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.165	
Math	nad : SW8260 - Valati	le Organic Compounds				
	rte : Bromobenzene	re organite compounds				
-	ınk : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.165	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.165	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.165	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.165	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.165	ug/L	1
9/29/94	694 <b>-TB-0</b> 7	MSMSDB40929151301	ND	0.165	ug/L	1
	Total Number of Bla		Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.165	
	od : SW8260 - Volati					
_	rte : Bromodichlorome ank : Ambient Blank	thane				
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0536	ug/L	1
	Total Number of Bla	nks = 1	 Concentr	ation Range:	NC	
	Total Number above	Detection limit = 0	Mavimum	Detection Limit =	V VE36	

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod · SW8260 - Volat	ile Organic Compounds				
	yte : Bromodichlorom					
	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0536	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0536	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.0536	ug/L	1
9/30/94 	BLK944065	MSMSDB40930181401	ND	0.0536	ug/L	1
	Total Number of Bl			ration Range:	NC .	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0536	
M-41						
	nod : Sw8260 - Volat /te : Bromodichlorom	ile Organic Compounds				
	ank : Trip Blank	cuiand				
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0536	ug/L	1
9/22/94	G94-TB-02	MSMSDB40919002001	ND	0.0536	ug/L ug/L	1 1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0536		
9/23/94	G94-TB-04	MSMSDB40322123601	ND	0.0536	ug/L ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0536	ug/L ug/L	1 1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0536	ug/L	1
	Total Number of Bla	anks = 6	Concent	ration Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0536	
Math	and CUOSED Value	ilo Onconio Compoundo				
	te : Bromoform	ile Organic Compounds				
	nk : Ambient Blank					
_						
ype of Bla	G94-AB-01	MSMSDB40919082801	ND	0.108	ug/L	1
_	G94-AB-01					1
ype of Bla	G94-AB-01 Total Number of Bla		Concentr	0.108  ration Range: Detection Limit =	 NC	1
ype of Bla	G94-AB-01 Total Number of Bla	 anks = 1	Concentr	ration Range:	 NC	1
ype of Bla 9/19/94 	G94-AB-01  Total Number of Bla  Total Number above  od : SW8260 - Volata	 anks = 1	Concentr	ration Range:	 NC	1
ype of Bla 9/19/94  Meth Analy	G94-AB-01 Total Number of Bla Total Number above od : SW8260 - Volati te : Bromoform	nnks = 1 Detection Limit = 0	Concentr	ration Range:	 NC	1
ype of Bla 9/19/94  Meth Analy	G94-AB-01  Total Number of Bla  Total Number above  od : SW8260 - Volata	nnks = 1 Detection Limit = 0	Concentr	ration Range:	 NC	1
ype of Bla 9/19/94  Meth Analy ype of Bla	G94-AB-01 Total Number of Bla Total Number above od : SW8260 - Volati te : Bromoform	nnks = 1 Detection Limit = 0	Concentr	ration Range:	 NC	1
Meth Analy ype of Bla 3/19/94	G94-AB-01 Total Number of Bla Total Number above  od : SW8260 - Volati te : Bromoform nk : Method Blank	anks = 1 Detection Limit = 0 le Organic Compounds	Concentr Maximum	ration Range: Detection Limit =	NC 0.108	
Meth Analy ype of Bla 9/19/94 9/22/94 9/29/94	G94-AB-01 Total Number of Bla Total Number above  od : SW8260 - Volati te : Bromoform nk : Method Blank  BLK944042 BLK944050 BLK944060	nks = 1 Detection Limit = 0  le Organic Compounds  MSMSDB40919082801	Concentr Maximum	ration Range: Detection Limit =  0.108	NC 0.108 ug/L	1
Meth Analy ype of Bla 9/19/94 9/22/94 9/29/94	G94-AB-01  Total Number of Bla Total Number above  od : SW8260 - Volati te : Bromoform nk : Method Blank  BLK944042 BLK944050	nks = 1 Detection Limit = 0  le Organic Compounds  MSMSDB40919082801 MSMSDB40922123601	Concentr Maximum ND ND	Pation Range: Detection Limit =  0.108 0.108	NC 0.108 ug/L ug/L	1 1
ype of Bla 9/19/94  Meth Analy	G94-AB-01 Total Number of Bla Total Number above  od : SW8260 - Volati te : Bromoform nk : Method Blank  BLK944042 BLK944050 BLK944060	mks = 1 Detection Limit = 0  le Organic Compounds  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	Concentr Maximum ND ND ND ND	O.108 0.108 0.108	NC 0.108 ug/L ug/L ug/L	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
		· 				
Meth	nd · SW8260 - Volat	ile Organic Compounds				
	te : Bromoform	The organie compounds				
-	nk : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.108	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.108	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.108	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.108	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.108	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.108	ug/L	1
	Total Number of Bla	anks = 6		ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.108	
	-4 . CUCCCC . L. T. T.	ila Orania Orania				
		ile Organic Compounds				
	te : Bromomethane nk : Ambient Blank	•				
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0968	ug/L	1
	Total Number of Bla	anks = 1	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.0968	
		ile Organic Compounds				
_	te : Bromomethane					
Type of Bla	nk : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0968	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0968	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0968	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0968	ug/L	1
	Total Number of Bla		Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0968	
¥2_±1	od Cueses V-1 C	le Ongonie Company				
	te : Bromomethane	le Organic Compounds				
	nk : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0968	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0968	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0968	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0968	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0968	ug/L	1
	G94-TB-07	MSMSDB40929151301	ND	0.0968	ug/L	1
9/29/94					_	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW8260 - Volat	ile Organic Compounds				
Anal	yte : Bromomethane					
Type of Bl	ank : Trip Blank, co	nt.				
	Tatal Number above	Detection Limit = 0		D :		
	Total Number above	Detection Enult = 0	maximum	Detection Limit =	0.0968	
Met	hod : SW8260 - Volat	ile Organic Compounds				
	yte : Carbon disulfi	de				
Type of Bl	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.161	ug/L	1
	Total Number of Bl	anks = 1	Concent	 ration Range:	NC	
		Detection Limit = 0		Detection Limit =		
19pe of B1 09/19/94	ank : Method Blank BLK944042	MSMSDB40919082801	ND	0.161	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.161	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.161	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.161	ug/L	1
	Total Number of Bla	anks = 4	Concenti	ration Range:	NC NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.161	
Met	hod : SW8260 - Volat	ile Organic Compounds				
_	yte : Carbon disulfic	· ·				
Type of Bl	ank : Trip Blank	•				
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.161	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.161	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	ND	0.161	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.161	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.161	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.161	ug/L	1
	Total Number of Bla	 nks = 6	Concentr	ation Range:	NC	
		Detection Limit = 0		Detection Limit =	0.161	
			max man	Detection Limit -	0.101	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

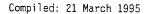
DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Metl	nod : SW8260 - Volati	ile Organic Compounds			i	
Anal	yte : Carbon tetrach	loride				
Type of Bla	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.117	ug/L	1
	Total Number of Bla	anks = 1	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.117	
Metl	nod : SW8260 - Volat	ile Organic Compounds				
-	yte : Carbon tetrach	loride				
Type of Bla	ank : Method Blank					
09/19/94	BLK944042	. MSMSDB40919082801	ND	0.117	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.117	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.117	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.117	ug/L	1
	Total Number of Bla			ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.117	
lin±1	and . SW82En Val-++	ile Organic Compounds				
	nod : Swozou - voiati /te : Carbon tetrach]					
-	ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.117	ug/L	1
)9/22/94	G94-TB-02	MSMSDB409123123601	ND	0.117	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.117	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.117	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.117	ug/L	1
	G94-TB-07	MSMSDB40929151301	ND	0.117	ug/L	1
	Total Number of Bla	anks = 6		ation Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.117	
Meth	nod : SW8260 - Volati	ile Organic Compounds				
	yte : Chlorobenzene	-				
Type of Bla	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.112	ug/L	1
	Total Number of Bla	anks = 1	Concentr	ation Range:	NC	

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		ile Organic Compounds				
	yte : Chlorobenzene ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.112	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.112	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.112	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.112	ug/L	1
	Total Number of Bl	anks = 4	Concent	ration Range:	NC	
	Total Number above Detection Limit = 0		Maximum	Detection Limit	= 0.112	
	hod : S\\8260 - Volat yte : Chlorobenzene	ile Organic Compounds				
	ank : Trip Blank					
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.112	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	ND	0.112	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.112	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.112	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.112	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.112	ug/L	. 1
	Total Number of Bl		Concentr	ration Range:	NC	~
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	0.112	
£2 - 1 - 1	CUOCCO . V 7	ila Oussais C				
		ile Organic Compounds				
Anal	nod : SW8260 - Volat yte : Chloroethane ank : Ambient Blank	ile Organic Compounds				
Anal	yte : Chloroethane	ile Organic Compounds  MSMSDB40919082801	ND	0.0972	ug/L	1
Analyype of Bla	yte : Chloroethane ank : Ambient Blank	MSMSDB40919082801				1
Analyype of Bla	yte : Chloroethane ank : Ambient Blank G94-AB-01 Total Number of Bla	MSMSDB40919082801	Concentr	0.0972  ation Range: Detection Limit =	NC NC	1
Analy ype of Bla 9/19/94	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla  Total Number above	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC NC	1
Analy ype of Bla 9/19/94 	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above	MSMSDB40919082801 anks = 1	Concentr	ation Range:	NC NC	1
Analy ype of Bla 9/19/94  Meth Analy	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above  nod : SW8260 - Volative : Chloroethane	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC NC	1
Analy ype of Bla 9/19/94  Meth Analy	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC NC	1
Analy ype of Bla  9/19/94  Meth Analy ype of Bla  9/19/94	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above  nod : SW8260 - Volat yte : Chloroethane ank : Method Blank  BLK944042	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC NC	11
Analy ype of Bla  9/19/94   Meth Analy ype of Bla  9/19/94  9/22/94	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above  nod : SW8260 - Volat yte : Chloroethane ank : Method Blank  BLK944042 BLK944050	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr Maximum	ration Range: Detection Limit =	NC - 0.0972	
Analy ype of Bla  9/19/94   Meth Analy ype of Bla  9/19/94  9/22/94  9/29/94	yte : Chloroethane ank : Ambient Blank  G94-AB-O1  Total Number of Bla Total Number above  nod : SW8260 - Volat yte : Chloroethane ank : Method Blank  BLK944042 BLK944050 BLK944060	MSMSDB40919082801  anks = 1 Detection Limit = 0  The Organic Compounds  MSMSDB40919082801  MSMSDB40922123601  MSMSDB40929151301	Concentr Maximum ND	ration Range: Detection Limit =	NC - 0.0972 ug/L	1
Analy ype of Bla  9/19/94   Meth Analy ype of Bla  9/19/94  9/22/94	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above  nod : SW8260 - Volat yte : Chloroethane ank : Method Blank  BLK944042 BLK944050	MSMSDB40919082801  anks = 1 Detection Limit = 0  The Organic Compounds  MSMSDB40919082801 MSMSDB40922123601	Concentr Maximum ND ND	ration Range: Detection Limit =  0.0972 0.0972	NC : 0.0972 ug/L ug/L	1 1
Analy ype of Bla  9/19/94   Meth Analy ype of Bla  9/19/94  9/22/94  9/29/94	yte : Chloroethane ank : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above  nod : SW8260 - Volat yte : Chloroethane ank : Method Blank  BLK944042 BLK944050 BLK944060 BLK944065  Total Number of Bla	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	Concentr Maximum ND ND ND ND	O.0972 0.0972 0.0972	NC 0.0972 ug/L ug/L ug/L ug/L	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meti	nod : SW8260 - Volat	ile Organic Compounds				
	yte : Chloroethane	,				
-	ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0972	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0972	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0972	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0972	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0972	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0972	ug/L	1 
	Total Number of Bla	anks = 6	Concenti	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.0972	
		ile Organic Compounds	-			
-	yte : Chloroform					
Type of Bla	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	0.850	0.0363	ug/L	1
	Total Number of Bla	anks = 1	Concentr	ration Range:	0.850 -	0.850
	Total Number above	Detection Limit = 1	Maximum	Detection Limit	= 0.0363	
		ile Organic Compounds				
-	yte : Chloroform					
Type of Bla	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0363	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0363	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0363	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0363	ug/L	1
	Total Number of Bla	anks = 4		ration Range:		<del>-</del>
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.0363	
		ile Organic Compounds				
	yte : Chloroform ank : Trip Blank	•				
	· <b>,</b>					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0363	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0363	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0363	ug/L	1
03/22/34	G94-TB-04	MSMSDB40922123601	ND	0.0363	ug/L	1
09/23/94 09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0363	ug/L	1
09/23/94		MSMSDB40929151301 MSMSDB40929151301	ND ND	0.0363 0.0363	ug/L ug/L	1 1 

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	nod : SW8260 - Volati yte : Chloroform ank : Trip Blank, cor					
	Total Number above	Detection Limit = 0	Maxim	um Detection Limit	= 0.0363	
Anal	nod : SW8260 - Volati /te : Chloromethane ank : Ambient Blank	le Organic Compounds				
09/19/94	G94-AB-01	MSMSDB40919082801		0.155	ug/L	1
	Total Number of Bla Total Number above	nks = 1	Conce	ntration Range: um Detection Limit		
Analy Type of Bla 09/19/94 09/22/94	nod : SW8260 - Volati /te : Chloromethane ink : Method Blank BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	0.100 ND ND	0.155 0.155	ug/L ug/L ug/L	1 1 1
	Total Number of Bla	nks = 4	0.290 (B) 0.155 ug/L 1  Concentration Range: 0.100 - 0.290  Maximum Detection Limit = 0.155			
Analy	od : SW8260 - Volati te : Chloromethane nk : Trip Blank	le Organic Compounds				
09/19/94 09/22/94 09/22/94 09/23/94 09/29/94	G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301	ND ND 0.150 (	0.155 JB) 0.155 0.155 0.155 JB) 0.155 B) 0.155	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
	Total Number of Blan	nks = 6	 Concen	tration Range:		.180



DATE	SAMPLE	BATCH	DEC T	DETECTION		DILUTION
ANALYZED	ID	ID 	RESULT	LIMIT	UNITS	FACTOR
Anal	hod : SW8260 - Volat yte : Dibromochlorome ank : Ambient Blank	le Organic Compounds ethane				
9/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0283	ug/L	1
	Total Number of Bla Total Number above	nks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 0.0283	
Anal	hod : SW8260 - Volati yte : Dibromochlorome ank : Method Blank	le Organic Compounds ethane				
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0283	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.0283	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.0283	ug/L	1
9/30/94 	BLK944065 	MSMSDB40930181401	ND	0.0283	ug/L 	1
	Total Number of Bla Total Number above	nks = 4 Detection Limit = 0		ration Range: Detection Limit =	NC 0.0283	
Anal	hod : SW8260 - Volati yte : Dibromochlorome ank : Trip Blank	•				
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0283	ug/L	. 1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0283	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0283	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0283	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0283	ug/L	1
9/29/94 	G94-TB-07	MSMSDB40929151301	ND 	0.0283	ug/L 	1 
	Total Number of Bla			ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0283	
Anal	hod : SW8260 - Volati yte : Dibromomethane ank : Ambient Blank	le Organic Compounds				
00/10/04	G94-AB-01	MSMSDB40919082801	ND	0.0598	ug/L	1
19/19/94						

	SAMPLE ID	BATCH ID	DECLU T	DETECTION	100770	DILUTION
ANALYZED			RESULT	LIMIT	UNITS	FACTOR
42 1	L L 01/0000 1/ 3 1					
	nod : SW8260 - Volat yte : Dibromomethane	cile Organic Compounds				
	ank : Method Blank	•				
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0598	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0598	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0598	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.0598	ug/L	1
	Total Number of Bl			tration Range:	NC	
	Total Number above	Detection Limit = 0	Maximu	m Detection Limit	= 0.0598	
Mo+I	and - SN8260 - Volut	ile Opganie Companyda				
	yte : Dibromomethane	ile Organic Compounds				
-	ank : Trip Blank					
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0598	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	0.200	0.0598	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0598	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0598	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0598	ug/L	1
9/29/94 	G94-TB-05	MSMSDB40929151301	ND	0.0598	ug/L	1
	Total Number of Bl			tration Range:		.200
	lotal Number above	Detection Limit = 1	Maximur	n Detection Limit	= 0.0598	
Meth	nod : SW8260 - Volat	ile Organic Compounds				
	te : Ethyl benzene	I. gamio compoundo				
	nk : Ambient Blank					
J				7) 0 110	41	_
9/19/94	G94-AB-01	MSMSDB40919082801	0.0500 (	0.110	ug/L	1
	Total Number of Bla		Concent	ration Range:	0.0500 - 0	
9/19/94	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0	Concent	ration Range:	0.0500 - 0	
9/19/94  Meth	Total Number of Bla Total Number above od : SW8260 - Volat	anks = 1	Concent	ration Range:	0.0500 - 0	
9/19/94  Meth Analy	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0	Concent	ration Range:	0.0500 - 0	
9/19/94  Meth Analy ype of Bla	Total Number of Bla Total Number above od : SW8260 - Volat te : Ethyl benzene	anks = 1 Detection Limit = 0	Concent	ration Range:	0.0500 - 0	.0500
9/19/94  Meth Analy ype of Bla	Total Number of Bla Total Number above od : SW8260 - Volat te : Ethyl benzene nk : Method Blank	anks = 1  Detection Limit = 0  ile Organic Compounds	Concent Maximun	ration Range:	0.0500 - 0 = 0.110	. 0500
9/19/94  Meth Analy ype of Bla 3/19/94	Total Number of Bla Total Number above od : SW8260 - Volat- te : Ethyl benzene nk : Method Blank	anks = 1  Detection Limit = 0  ile Organic Compounds  MSMSDB40919082801	Concent Maximun ND	ration Range: n Detection Limit	0.0500 - 0 = 0.110 ug/L ug/L	.0500
9/19/94  Meth Analy ype of Bla 9/19/94 9/22/94 9/29/94	Total Number of Bla Total Number above od : SW8260 - Volat te : Ethyl benzene nk : Method Blank BLK944042 BLK944050	anks = 1 Detection Limit = 0  ile Organic Compounds  MSMSDB40919082801 MSMSDB40922123601	Concent Maximun ND ND	o.110	0.0500 - 0 = 0.110	.0500
9/19/94  Meth Analy	Total Number of Bla Total Number above od : SW8260 - Volat te : Ethyl benzene nk : Method Blank BLK944042 BLK944050 BLK944060	msmsDB40930181401	Concent Maximun ND ND ND ND	O.110 0.110 0.110	0.0500 - 0 = 0.110 ug/L ug/L ug/L	.0500 1 1

	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8260 - Volat	ile Organic Compounds				
	yte : Ethyl benzene					
-	ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.110	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.110	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.110	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601 •	ND	0.110	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.110	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.110	ug/L	1
	Total Number of Bla	anks = 6	Concentr	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.110	
	nod : SW8260 - Volat /te : Meta-&Para-Xyle	ile Organic Compounds				
_	ank : Ambient Blank					
09/19/94		MSMSDB40919082801	0.190 (J)	0.365	ug/L	1
	Total Number of Bla	anks = 1		ation Range:	0.190 -	0.190
		Detection Limit = 0		Detection Limit		
		ile Organic Compounds				
Analy	/te : Meta-&Para-Xyle ank : Method Blank	ene				
Type of Bla						
		HONODD 4004 0000004	ND	0.005	/1	
09/19/94	BLK944042	MSMSDB40919082801	ND	0.365	ug/L	1
09/19/94 09/22/94	BLK944050	MSMSDB40922123601	ND	0.365	ug/L	1
09/19/94 09/22/94 09/29/94	BLK944050 BLK944060	MSMSDB40922123601 MSMSDB40929151301	ND ND	0.365 0.365	ug/L ug/L	1
09/19/94 09/22/94 09/29/94	BLK944050	MSMSDB40922123601	ND	0.365	ug/L	1
Type of Bla 09/19/94 09/22/94 09/29/94 09/30/94	BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND ND Concentr	0.365 0.365 0.365 	ug/L ug/L ug/L NC	1
09/19/94 09/22/94 09/29/94	BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.365 0.365 0.365	ug/L ug/L ug/L NC	1
09/19/94 09/22/94 09/29/94 09/30/94	BLK944050 BLK944060 BLK944065  Total Number of Bla Total Number above	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND ND Concentr	0.365 0.365 0.365 	ug/L ug/L ug/L NC	1
09/19/94 09/22/94 09/29/94 09/30/94 	BLK944050 BLK944060 BLK944065 Total Number of Bla Total Number above	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0	ND ND ND Concentr	0.365 0.365 0.365 	ug/L ug/L ug/L NC	1
09/19/94 09/22/94 09/29/94 09/30/94  Meth Analy	BLK944050 BLK944060 BLK944065  Total Number of Bla Total Number above	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0	ND ND ND Concentr	0.365 0.365 0.365 	ug/L ug/L ug/L NC	1
09/19/94 09/22/94 09/29/94 09/30/94  Meth Analy Type of Bla	BLK944050 BLK944060 BLK944065  Total Number of Bla Total Number above  nod : SW8260 - Volati vte : Meta-&Para-Xyle	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds ene	ND ND ND Concentr Maximum	0.365 0.365 0.365 ration Range: Detection Limit	ug/L ug/L ug/L NC = 0.365	1 1 1
09/19/94 09/22/94 09/29/94 09/30/94  Meth Analy Type of Bla	BLK944050 BLK944060 BLK944065  Total Number of Bla Total Number above  nod : SW8260 - Volation rice : Meta-&Para-Xyle ank : Trip Blank  G94-TB-01	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 anks = 4 Detection Limit = 0 ile Organic Compounds ene	ND ND Concentr Maximum	0.365 0.365 0.365 ration Range: Detection Limit	ug/L ug/L ug/L  NC = 0.365	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
09/19/94 09/22/94 09/29/94 09/30/94  Meth Analy Type of Bla	BLK944050 BLK944060 BLK944065  Total Number of Bla Total Number above  nod : SW8260 - Volative : Meta-&Para-Xyle ank : Trip Blank  G94-TB-01 G94-TB-03	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 anks = 4 Detection Limit = 0 ile Organic Compounds ene MSMSDB40919082801 MSMSDB40922123601	ND ND Concentr Maximum ND	0.365 0.365 0.365 ration Range: Detection Limit	ug/L ug/L ug/L NC = 0.365	1 1 1
09/19/94 09/22/94 09/29/94 09/30/94  Meth Analy Type of Bla 09/19/94 09/22/94	BLK944050 BLK944060 BLK944065  Total Number of Bla Total Number above  nod : SW8260 - Volat: yte : Meta-&Para-Xyle ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND Concentr Maximum ND ND	0.365 0.365 0.365 eation Range: Detection Limit	ug/L ug/L ug/L NC = 0.365	1 1 1
Meth Analy Type of Bla 09/22/94 09/29/94	BLK944050 BLK944065 BLK944065 Total Number of Bla Total Number above  nod : SW8260 - Volat: yte : Meta-&Para-Xyle ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND Concentr Maximum  ND ND ND ND ND ND	0.365 0.365 0.365 eation Range: Detection Limit 0.365 0.365 0.365 0.365	ug/L ug/L ug/L = 0.365	1 1 1 1 1 1 1
09/19/94 09/22/94 09/29/94 09/30/94  Meth Analy	BLK944050 BLK944060 BLK944065  Total Number of Bla Total Number above  nod : SW8260 - Volat: yte : Meta-&Para-Xyle ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND Concentr Maximum ND ND	0.365 0.365 0.365 eation Range: Detection Limit	ug/L ug/L ug/L NC = 0.365	1 1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE	SAMPLE	BATCH			DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT		LIMIT	UNITS	FACTOR
Anal	hod : SW8260 - Volat yte : Meta-&Para-Xyl ank : Trip Blank, co						
. jpc 0, 0,	·	Detection Limit = 0	Maxi	mum De	tection Limit	= 0.365	
Anal	hod : SW8260 - Volat yte : Methylene Chlo ank : Ambient Blank	ile Organic Compounds ride					
09/19/94	G94-AB-01	MSMSDB40919082801	2.83		0.151	ug/L	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 1			ion Range: tection Limit		2.83
Anal	nod : SW8260 - Volat yte : Methylene Chlor ank : Method Blank	ile Organic Compounds ride					
09/19/94	BLK944042	MSMSDB40919082801	0.710	(B)	0.151	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	0.170		0.151	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	0.910	(B)	0.151	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	0.930	(B)	0.151	ug/L	1
	Total Number of Bla Total Number above	anks = 4 Detection Limit = 4			on Range: ection Limit		0.930
	nod : SW8260 - Volat /te : Methylene Chlon	ile Organic Compounds ride					
	ank : Trip Blank						
09/19/94	G94-TB-01	MSMSDB40919082801	0.990	(B)	0.151	ug/L	1
09/22/94	G94-TB-02	MSMSDB40313362861 MSMSDB40922123601	0.450	(B)	0.151	ug/L ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	0.480	(B)	0.151	ug/L	
09/23/94	G94-TB-04	MSMSDB40922123601	0.450	(B)	0.151		1
09/29/94	G94-TB-05	MSMSDB40929151301				ug/L	1
00/20/04	4-10-03	1101101040223101001	1.47	(D)	0.151	ug/L	1

Total Number of Blanks = 6

G94-TB-07

Total Number above Detection Limit = 6

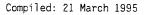
Concentration Range: 0.450 - 1.47

1.18 (B)

ug/L

Maximum Detection Limit = 0.151

0.151



09/29/94

MSMSDB40929151301

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION
Anal	nod : SW8260 - Volati /te : Ortho-Xylene ank : Ambient Blank	le Organic Compounds				
9/19/94	G94-AB-01	MSMSDB40919082801	0.0900 (J)	0.124	ug/L	1
	Total Number of Bla Total Number above	nks = 1 Detection Limit = 0		ration Range: Detection Limit		0.0900
Analy	nod : SW8260 - Volati /te : Ortho-Xylene ank : Method Blank	le Organic Compounds				
09/19/94	BLK944042	MSMSDB40919082801	ND	0.124	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.124	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.124	ug/L	1
9/30/94 	BLK944065	MSMSDB40930181401	ND 	0.124	ug/L 	1 
	Total Number of Bla Total Number above	nks = 4 Detection Limit = 0		ation Range: Detection Limit	NC = 0.124	
Analy	nod : SW8260 - Volati vte : Ortho-Xylene ank : Trip Blank	le Organic Compounds			,	
00/10/04	COA TP 01	MCMCDB/0010092901	ND	0.124	ug/L	1
9/19/94 9/22/94	G94-TB-01 G94-TB-02	MSMSDB40919082801 MSMSDB40922123601	ND	0.124	ug/L ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.124	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.124	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.124	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.124	ug/L	1
	Total Number of Bla	nks = 6	Concentr	ation Range:	NC	<b></b>
		Detection Limit = 0		Detection Limit	= 0.124	
Analy	nod : SW8260 - Volati /te : Styrene ank : Ambient Blank	le Organic Compounds				
09/19/94	G94-AB-01	MSMSDB40919082801	0.0500 (J)	0.113	ug/L	1
	Total Number of Bla		 Concentr	ation Range: Detection Limit	0.0500 -	0.0500

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	nod : SW8260 - Volat	ile Organic Compounds				
Analy	/te : Styrene					
Type of Bla	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.113	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.113	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.113	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.113	ug/L	. 1
	Total Number of Bl	anks = 4	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.113	
	nod : SW8260 - Volat /te : Styrene	ile Organic Compounds				
-	ank : Trip Blank					
09/19/94	G94-TB- <b>0</b> 1	MSMSDB40919082801	ND	0.113	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.113	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.113	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.113	ug/L	1
09/29/94	G94-TB-05	MSMSDB40929151301	ND	0.113	ug/L	1
09/29/94	G94-TB- <b>0</b> 7	MSMSDB40929151301	ND	0.113	ug/L	1
	Total Number of Bl	aliks - 0	Concenti	ration Range:	NC	
		Detection Limit = 0		ration Range: Detection Limit		
	Total Number above	Detection Limit = 0				
	Total Number above nod : SW8260 - Volat	Detection Limit = 0 ile Organic Compounds				
Analy	Total Number above nod : SW8260 - Volat rte : Tetrachloroeth	Detection Limit = 0 ile Organic Compounds				
Analy Type of Bla	Total Number above nod : SW8260 - Volat vte : Tetrachloroeth nk : Ambient Blank	Detection Limit = 0  ile Organic Compounds ene	Maximum	Detection Limit	= 0.113	
Analy	Total Number above nod : SW8260 - Volat rte : Tetrachloroeth	Detection Limit = 0 ile Organic Compounds				1
Analy Type of Bla	Total Number above nod : SW8260 - Volat vte : Tetrachloroeth nk : Ambient Blank	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801	Maximum ND	Detection Limit	= 0.113 ug/L	1
Analy Type of Bla	Total Number above  nod : SW8260 - Volat  /te : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801	Maximum ND Concenti	Detection Limit  0.209	ug/L	1
Analy Type of Bla 09/19/94	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above	Detection Limit = 0  ile Organic Compounds  ene  MSMSDB40919082801  anks = 1  Detection Limit = 0	Maximum ND Concenti	O.209ration Range:	ug/L	1
Analy Type of Bla 09/19/94  Meth	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Maximum ND Concenti	O.209ration Range:	ug/L	1
Analy Type of Bla 09/19/94  Meth Analy	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Maximum ND Concenti	O.209ration Range:	ug/L	1
Analy Type of Bla 09/19/94  Meth Analy	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Maximum ND Concenti	O.209ration Range:	ug/L	1
Analy Type of Bla  09/19/94  Meth Analy Type of Bla	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroethe  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above  nod : SW8260 - Volat  rte : Tetrachloroethe  nk : Method Blank  BLK944042	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Maximum ND Concenti	0.209  ration Range: Detection Limit	ug/L NC = 0.209	1
Analy Type of Bla  09/19/94  Meth Analy Type of Bla  09/19/94	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Method Blank  BLK944042  BLK944050	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds ene	Maximum ND Concenti Maximum	0.209  ration Range: Detection Limit	ug/L NC = 0.209	
Analy Type of Bla  09/19/94  Meth Analy Type of Bla  09/19/94  09/22/94  09/29/94	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Method Blank  BLK944042  BLK944050  BLK944060	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801	ND Concent Maximum	0.209  ration Range: Detection Limit	ug/L NC = 0.209	1
Analy Type of Bla  09/19/94  Meth Analy Type of Bla  09/19/94  09/22/94	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Method Blank  BLK944042  BLK944050  BLK944060	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801 MSMSDB40922123601	ND Concent Maximum ND ND	0.209  ration Range: Detection Limit  0.209 0.209 0.209	ug/L NC 0.209  ug/L ug/L ug/L	1 1
Analy Type of Bla 09/19/94  Meth Analy	Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Ambient Blank  G94-AB-01  Total Number of Blank  Total Number above  nod : SW8260 - Volat  rte : Tetrachloroeth  nk : Method Blank  BLK944042  BLK944050  BLK944060	Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds ene  MSMSDB40919082801 MSMSDB40929151301 MSMSDB40930181401	ND Concent: Maximum  ND ND ND ND ND ND	0.209 ration Range: Detection Limit  0.209 0.209 0.209 0.209 0.209	ug/L NC ■ 0.209  ug/L ug/L ug/L ug/L ug/L	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8260 - Volat	ile Organic Compounds				
Analy	te : Tetrachloroeth	ene				
Type of Bla	ınk : Trip Blank					
00/10/04	G04_TR_01	MSMSDB40919082801	ND	0.209	ug/L	1
09/19/94 09/22/94	G94-TB-01 G94-TB-03	MSMSDB40919002001 MSMSDB40922123601	ND	0.209	ug/L ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.209	ug/L	1
		MSMSDB40922123601	ND	0.209	ug/L	1
		MSMSDB40922123001 MSMSDB40929151301	ND	0.209	ug/L ug/L	1
	G94-TB-07		ND ND	0.209		1
09/29/94 	G94-TB-05	MSMSDB40929151301		0.209	ug/L 	1
	Total Number of Bla	anks = 6	Concentr	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	:= 0.209	
Math	.+e.[oV = NAS8W2 · hor	ile Organic Compounds				
	te : Toluene	. 10 of gain to compounds				
•	nk : Ambient Blank					
.,pc 0: 01a	Famblene blank					
09/19/94	G94-AB-01	MSMSDB40919082801	0.230	0.0336	ug/L	1
	Total Number of Bla	anks = 1	Concentr	ation Range:	0.230 -	0.230
		Detection Limit = 1		Detection Limit		
	. July Hamber above		1 10023 1 71100111			
		ile Organic Compounds				
-	te : Toluene					
Type of Bla	nk : Method Blank		•			
09/19/94	BLK944042	MSMSDB40919082801	0.0300 (JB	0.0336	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0336	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0336	ug/L	1
09/30/94	BLK944065	MSMSDB40930181401	ND	0.0336	ug/L	1
	Total Number of Bla			ation Range:		
	lotal Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.0336	
		ile Organic Compounds		•		
_	te : Toluene					
Type of Bla	nk : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	0.0500	0.0336	ug/L	1
09/19/94	G94-TB-02	MSMSDB40919082801	0.0400	0.0336	ug/L ug/L	1
		MSMSDB40922123601				1
09/22/94	G94-TB-03		0.0600	0.0336	ug/L	
09/23/94	G94-TB-04	MSMSDB40922123601	0.0400	0.0336	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	0.0600	0.0336	ug/L	1
09/29/94 	G94-TB-05	MSMSDB40929151301	0.0800	0.0336	ug/L 	1 
	Total Number of Bla	anks = 6	Concentr	ation Range:	0.0400 -	0.0800
					<del>.</del> <del>.</del>	

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW8260 - Volat	ile Organic Compounds				
	yte : Toluene	game compounds				
	ank : Trip Blank, co	ont.				
	Total Number above	Detection Limit = 6	Maximum	Detection Limit =	= 0.0336	
Met	hod : SW8260 - Volat	ile Organic Compounds				
Ana1	yte : Trichloroethen	e				
Type of Bl	ank : Ambient Blank			•		
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0439	ug/L	1
	Total Number of Bl	anks = 1	Concent	ation Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.0439	
		ile Organic Compounds				
	yte : Trichloroethen	e				
Type of Bl	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0439	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0439	ug/L	1
09/29/94	BLK944060	MSMSDB40929151301	ND	0.0439	ug/L	1
)9/30/94 	BLK944065	MSMSDB40930181401	ND	0.0439	ug/L	1
	Total Number of Bl		Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0439	
Moth	and - SW8260 - Volat-	ile Organic Compounds				
	yte : Trichloroethen					
	ank : Trip Blank	-				
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0439	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0439	ug/L ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0439	ug/L ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0439	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0439	ug/L ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0439	ug/L	1
	Total Number of Bla	anks = 6	Concentr	 ation Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit =		

	SAMPLE ID	BATCH ID 	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	chod : SW8260 - Volat yte : Trichlorofluoro ank : Ambient Blank	ile Organic Compounds omethane				
9/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0943	ug/L	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 0.0943	
Anal	hod : SW8260 - Volatyte : Trichlorofluoroank : Method Blank					
9/19/94	BLK944042	MSMSDB40919082801	ND	0.0943	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.0943	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.0943	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.0943	ug/L	1
	Total Number of Bla		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0943	
Anal	Total Number above hod : SW8260 - Volati yte : Trichlorofluoro ank : Trip Blank	ile Organic Compounds	Maximum	Detection Limit =	0.0943	
Anal ype of Bl	hod : SW8260 - Volat [:] yte : Trichlorofluoro	ile Organic Compounds	Maximum ND	Detection Limit =	0.0943 ug/L	1
Anal ype of Bl 9/19/94	hod : SW8260 - Volat [:] yte : Trichlorofluoro ank : Trip Blank	ile Organic Compounds omethane				1 1
Anal ype of Bl 9/19/94 9/22/94	hod : SW8260 - Volati yte : Trichlorofluoro ank : Trip Blank G94-TB-01	ile Organic Compounds omethane MSMSDB40919082801	ND	0.0943	ug/L	
Anal Type of Bl 19/19/94 19/22/94 19/22/94	hod : SW8260 - Volati yte : Trichlorofluoro ank : Trip Blank G94-TB-01 G94-TB-03	ile Organic Compounds omethane MSMSDB40919082801 MSMSDB40922123601	ND ND	0.0943 0.0943	ug/L ug/L	1
Anal ype of Bl 99/19/94 99/22/94 99/23/94	hod : SW8260 - Volati yte : Trichlorofluoro ank : Trip Blank G94-TB-01 G94-TB-03 G94-TB-02	ile Organic Compounds omethane MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601	ND ND ND	0.0943 0.0943 0.0943	ug/L ug/L ug/L	1 1
Anal Type of Bl 09/19/94 09/22/94 09/22/94 09/23/94 09/29/94	hod : SW8260 - Volati yte : Trichlorofluoro ank : Trip Blank G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	ile Organic Compounds omethane MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601	ND ND ND ND	0.0943 0.0943 0.0943 0.0943	ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 19/19/94 19/22/94 19/22/94 19/23/94 19/29/94	hod : SW8260 - Volati yte : Trichlorofluoro ank : Trip Blank G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07	MSMSDB40919082801 MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301	ND ND ND ND ND ND	0.0943 0.0943 0.0943 0.0943 0.0943	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Anal Type of Bl 09/19/94 09/22/94 09/22/94 09/23/94 09/29/94 09/29/94	hod : SW8260 - Volati yte : Trichlorofluoro ank : Trip Blank G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07	MSMSDB40919082801 MSMSDB40929123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301  MSMSDB40929151301	ND ND ND ND ND ND	0.0943 0.0943 0.0943 0.0943 0.0943 	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
Anal Type of Bl 09/19/94 09/22/94 09/22/94 09/23/94 09/29/94 Met Anal Type of Bl	hod: SW8260 - Volative: Trichlorofluoronank: Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04 G94-TB-05 G94-TB-07  Total Number of Blank Total Number above  hod: SW8260 - Volative: Vinyl Chloride ank: Ambient Blank	MSMSDB40919082801 MSMSDB40929123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301  MSMSDB40929151301	ND ND ND ND ND Concent Maximum	0.0943 0.0943 0.0943 0.0943 0.0943 	ug/L ug/L ug/L ug/L ug/L ug/L O.0943	1 1 1 1 1

	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	**********					~ ~ ~ ~ ~ ~ ~
Met	hod : SW8260 - Volat	ile Organic Compounds				
Anal	yte : Vinyl Chloride	·				
Type of Bl	ank : Method Blank					
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	BLK944050	MSMSDB40922123601	ND	0.0992	ug/L	1
19/29/94	BLK944060	MSMSDB40929151301	ND	0.0992	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.0992	ug/L	1
	Total Number of Bl	anks = 4	Concenti	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.0992	
		ile Organic Compounds				
	te : Vinyl Chloride					
ype of Bla	nnk : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0992	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0992	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0992	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0992	ug/L	1
19/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0992	ug/L	1
)9/29/94 	G94-TB-05	MSMSDB40929151301	ND	0.0992	ug/L	1
	Total Number of Bl	anks = 6	Concentr	ation Range:	NC	~~
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.0992	
		ile Organic Compounds				
Analy	te : Vinyl acetate	ile Organic Compounds				
Analy		ile Organic Compounds				
Analy	te : Vinyl acetate	ile Organic Compounds MSMSDB40919082801	ND	0.127	ug/L	1
Analy ype of Bla	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla	MSMSDB40919082801 anks = 1		0.127 ation Range:	ug/L  NC	1
Analy ype of Bla	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla	MSMSDB40919082801	Concentr		NC	1
Analy ype of Bla	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla	MSMSDB40919082801 anks = 1	Concentr	ation Range:	NC	1
Analy ype of Bla 19/19/94 Meth	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla  Total Number above  od : SW8260 - Volat:	MSMSDB40919082801 anks = 1	Concentr	ation Range:	NC	1
Analy ype of Bla  9/19/94   Meth Analy	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla  Total Number above  od : SW8260 - Volat: te : Vinyl acetate	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC	1
Analy ype of Bla  9/19/94   Meth Analy	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla  Total Number above  od : SW8260 - Volat:	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC	1
Analy ype of Bla  9/19/94   Meth Analy	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla  Total Number above  od : SW8260 - Volat: te : Vinyl acetate	MSMSDB40919082801 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC 0.127	
Analy ype of Bla  9/19/94  Meth Analy ype of Bla	te : Vinyl acetate nk : Ambient Blank  694-AB-01  Total Number of Bla Total Number above  od : SW8260 - Volati te : Vinyl acetate nk : Method Blank	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds	Concentr Maximum	ation Range: Detection Limit =	NC 0.127	1  1 1
Analy ype of Bla  9/19/94  Meth Analy ype of Bla  9/19/94  9/22/94	te : Vinyl acetate nk : Ambient Blank  694-AB-01  Total Number of Bla Total Number above  od : SW8260 - Volati te : Vinyl acetate nk : Method Blank  BLK944042	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds  MSMSDB40919082801	Concentr Maximum ND	ation Range: Detection Limit =  0.127	NC 0.127	1
Analy ype of Bla  9/19/94  Meth Analy ype of Bla  9/19/94  9/22/94  8/29/94	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above  od : SW8260 - Volati te : Vinyl acetate nk : Method Blank  BLK944042 BLK944050	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds  MSMSDB40919082801 MSMSDB40922123601	Concentr Maximum ND ND	ation Range: Detection Limit =  0.127 0.127	NC 0.127 ug/L ug/L	1 1
Analy ype of Bla  9/19/94   Meth Analy ype of Bla	te : Vinyl acetate nk : Ambient Blank  G94-AB-01  Total Number of Bla Total Number above  od : SW8260 - Volat: te : Vinyl acetate nk : Method Blank  BLK944042 BLK944050 BLK944060	MSMSDB40919082801  anks = 1 Detection Limit = 0  ile Organic Compounds  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	Concentr Maximum ND ND ND ND	ation Range: Detection Limit =  0.127 0.127 0.127	NC 0.127 ug/L ug/L ug/L	1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meti	nod : SW8260 - Volati	ile Organic Compounds				
Analy	yte : Vinyl acetate					
Type of Bla	ank : Trip Blank					
09/19/94	G94-TB-01	MSMSDB40919082801	ND	0.127	ug/L	1
09/22/94	G94-TB-02	MSMSDB40922123601	ND	0.127	ug/L	1
09/22/94	G94-TB-03	MSMSDB40922123601	ND	0.127	ug/L	1
09/23/94	G94-TB-04	MSMSDB40922123601	ND	0.127	ug/L	1
09/29/94	G94-TB-07	MSMSDB40929151301	ND	0.127	ug/L	1
)9/29/94 	G94-TB-05	MSMSDB40929151301	- ND	0.127	ug/L	1
	Total Number of Bla	anks = 6		ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.127	
		ile Organic Compounds				
	te : cis-1,2-Dichlor	roethene				
ype of Bla	ank : Ambient Blank					
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0785	ug/L	1
	Total Number of Bla	anks = 1	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.0785	
Meth	nod : SW8260 ~ Volati	le Organic Compounds				
		le Organic Compounds				
Analy	nod : SW8260 - Volati rte : cis-1,2-Dichlor nk : Method Blank					
Analy Type of Bla	rte : cis-1,2-Dichlor nk : Method Blank	roethene	NO.	0.0705	··- ()	,
Analy Type of Bla 09/19/94	rte : cis-1,2-Dichlor nk : Method Blank BLK944042	oethene MSMSDB40919082801	ND ND	0.0785	ug/L	. 1
Analy Type of Bla 09/19/94 09/22/94	rte : cis-1,2-Dichlor nk : Method Blank BLK944042 BLK944050	MSMSDB40919082801 MSMSDB40922123601	ND	0.0785	ug/L	. 1
Analy Type of Bla 09/19/94 09/22/94 09/29/94	rte : cis-1,2-Dichlor nk : Method Blank BLK944042 BLK944050 BLK944060	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301	ND ND	0.0785 0.0785	ug/L ug/L	1
Analy Type of Bla 19/19/94 19/22/94 19/29/94	rte : cis-1,2-Dichlor nk : Method Blank BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND	0.0785	ug/L	
Analy Type of Bla 09/19/94 09/22/94 09/29/94	rte : cis-1,2-Dichlor nk : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.0785 0.0785 0.0785 	ug/L ug/L ug/L 	1
Analy Type of Bla 09/19/94 09/22/94	rte : cis-1,2-Dichlor nk : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.0785 0.0785 0.0785	ug/L ug/L ug/L 	1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 09/30/94	rte: cis-1,2-Dichlor ink: Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.0785 0.0785 0.0785 	ug/L ug/L ug/L 	1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 09/30/94 Meth	rte : cis-1,2-Dichlor ink : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bla Total Number above	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  mnks = 4 Detection Limit = 0	ND ND ND Concentr	0.0785 0.0785 0.0785 	ug/L ug/L ug/L 	1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 Meth Analy	rte : cis-1,2-Dichlor ink : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bla Total Number above  and : SW8260 - Volati ite : cis-1,2-Dichlor	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  mnks = 4 Detection Limit = 0	ND ND ND Concentr	0.0785 0.0785 0.0785 	ug/L ug/L ug/L 	1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 Meth Analy	rte : cis-1,2-Dichlor ink : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bla Total Number above	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  mnks = 4 Detection Limit = 0	ND ND ND Concentr	0.0785 0.0785 0.0785 	ug/L ug/L ug/L 	1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 09/30/94 Meth Analy Type of Bla	rte : cis-1,2-Dichlor ink : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bla Total Number above  and : SW8260 - Volati ite : cis-1,2-Dichlor	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  mnks = 4 Detection Limit = 0	ND ND ND Concentr	0.0785 0.0785 0.0785 	ug/L ug/L ug/L 	1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 09/30/94 Meth Analy Type of Bla	rte : cis-1,2-Dichlor rnk : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bla Total Number above  rod : SW8260 - Volati rte : cis-1,2-Dichlor rnk : Trip Blank	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  le Organic Compounds coethene	ND ND ND  Concentr Maximum	0.0785 0.0785 0.0785 	ug/L ug/L ug/L NC = 0.0785	1 1 1
Analy Type of Bla 19/19/94 19/22/94 19/30/94 19/30/94 Meth Analy Type of Bla 19/19/94 19/22/94	rte : cis-1,2-Dichlor rnk : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bla Total Number above  rod : SW8260 - Volati rte : cis-1,2-Dichlor rnk : Trip Blank  G94-TB-01	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  Anks = 4 Detection Limit = 0  The Organic Compounds roethene  MSMSDB40919082801	ND ND ND Concentr Maximum	0.0785 0.0785 0.0785 ration Range: Detection Limit	ug/L ug/L ug/L 	1 1 1
Analy Type of Bla 19/19/94 19/22/94 19/30/94 Meth Analy Type of Bla 19/19/94 19/22/94	rte: cis-1,2-Dichlor rnk: Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bla Total Number above  rod: SW8260 - Volati rte: cis-1,2-Dichlor rnk: Trip Blank  G94-TB-01 G94-TB-03	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  MSMSDB40930181401  MSMSDB40919082801 MSMSDB40919082801 MSMSDB40922123601	ND ND Concentr Maximum ND	0.0785 0.0785 0.0785 eation Range: Detection Limit	ug/L ug/L ug/L 	1 1 1 1 1 1 1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 Meth Analy	rte: cis-1,2-Dichlor rnk: Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bla Total Number above  rod: SW8260 - Volati rte: cis-1,2-Dichlor rnk: Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  MSMSDB40930181401  MSMSDB40930181401  MSMSDB40930181401  MSMSDB4092123601 MSMSDB40922123601 MSMSDB40922123601	ND ND Concentr Maximum ND ND	0.0785 0.0785 0.0785 eation Range: Detection Limit 0.0785 0.0785 0.0785	ug/L ug/L Ug/L NC = 0.0785 ug/L ug/L ug/L	1 1 1 
Analy Type of Bla 19/19/94 19/22/94 19/30/94 Meth Analy Type of Bla 19/19/94 19/22/94 19/23/94	rte: cis-1,2-Dichlor rnk: Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Bla Total Number above  rod: SW8260 - Volati rte: cis-1,2-Dichlor rnk: Trip Blank  G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  MSMSDB40930181401  MIRES = 4 Detection Limit = 0  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601	ND ND Concentr Maximum ND ND ND	0.0785 0.0785 0.0785 	ug/L ug/L  NC = 0.0785  ug/L ug/L ug/L ug/L ug/L	1 1 1 

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE	SAMPLE BATCH				DILUTION	
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		ile Organic Compounds				
	yte : cis-1,2-Dichlo					
ype of Bla	ank : Trip Blank, co	nt.				
	Total Number above	Detection Limit = 0	Ma×imum	Detection Limit =	0.0785	
Anal	hod : SW8260 - Volat yte : cis-1,3-Dichlo ank : Ambient Blank	ile Organic Compounds ropropene				
09/19/94	G94-AB-01	MSMSDB40919082801	ND	0.0758	ug/L	1
	Total Number of Bl	 anks = 1	Concentr	ration Range:	NC	
		Detection Limit = 0		Detection Limit =		
Analy	yte : cis-1,3-Dichlo	ile Organic Compounds ropropene				
Analy		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s				
Analy ype of Bla	yte : cis-1,3-Dichlo	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	ND	0.0758	ug/L	1
Analy ype of Bla	yte : cis-1,3-Dichlo ank : Method Blank	ropropene	ND ND	0.0758 0.0758	ug/L ug/L	1 1
Analy ype of Bla 9/19/94 9/22/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042	ropropene MSMSDB40919082801			-	
Analy ype of Bla 9/19/94 9/22/94 9/29/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050	mSMSDB40919082801 MSMSDB40922123601	ND	0.0758	ug/L	1
Analy ype of Bla 9/19/94 9/22/94 9/29/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND	0.0758 0.0758	ug/L ug/L	1 1
Analy ype of Bla 9/19/94 9/22/94 9/29/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.0758 0.0758 0.0758	ug/L ug/L ug/L ug/L 	1 1
Analy Type of Bla 19/19/94 19/22/94 19/29/94 19/30/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401 	ND ND ND Concentr	0.0758 0.0758 0.0758 	ug/L ug/L ug/L ng/L	1 1
Analy ype of Bla 9/19/94 9/22/94 9/29/94 9/30/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Bla	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401	ND ND ND Concentr	0.0758 0.0758 0.0758 	ug/L ug/L ug/L ng/L	1 1
Analy ype of Bla 9/19/94 9/22/94 9/29/94 9/30/94 	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944060 BLK944065 Total Number of Blance	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds ropropene	ND ND ND Concentr	0.0758 0.0758 0.0758 	ug/L ug/L ug/L ng/L	1 1
Analy ype of Bla 9/19/94 9/22/94 9/29/94 9/30/94  Meth Analy ype of Bla	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944065 Total Number of Blance Total Number above	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds ropropene	ND ND ND Concentr	0.0758 0.0758 0.0758 	ug/L ug/L ug/L ng/L	1 1
Analy ype of Bla  9/19/94  9/22/94  9/29/94  9/30/94   Meth Analy ype of Bla	yte : cis-1,3-Dichlo ank : Method Blank  BLK944042  BLK944050  BLK944065  Total Number of Blank  Total Number above  mod : SW8260 - Volative : cis-1,3-Dichlowank : Trip Blank	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds ropropene	ND ND ND Concentr Maximum	0.0758 0.0758 0.0758 Pation Range: Detection Limit =	ug/L ug/L ug/L NC 0.0758	1 1 1
Analy ype of Bla  9/19/94  9/22/94  9/29/94  9/30/94  Meth Analy ype of Bla  9/19/94  9/22/94  8/22/94	yte : cis-1,3-Dichlo ank : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Blank  Total Number above  and : SW8260 - Volative : cis-1,3-Dichlor ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-03	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds ropropene  MSMSDB40919082801	ND ND Concentr Maximum	0.0758 0.0758 0.0758 Pation Range: Detection Limit =	ug/L ug/L ug/L NC 0.0758	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analy ype of Bla  9/19/94  9/22/94  9/30/94   Meth Analy ype of Bla  9/19/94  9/22/94  9/22/94  9/23/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944065 Total Number of Blank Total Number above Mod : SW8260 - Volative : cis-1,3-Dichlorank : Trip Blank G94-TB-01 G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  MSMSDB40919082801 MSMSDB4092123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601	ND ND Concentr Maximum ND	0.0758 0.0758 0.0758 Pation Range: Detection Limit =	ug/L ug/L ug/L NC 0.0758 ug/L ug/L	1 1 1
Analy ype of Bla  9/19/94  9/22/94  9/29/94  9/30/94   Meth Analy ype of Bla  9/19/94  9/22/94  9/22/94  9/23/94  9/29/94	yte : cis-1,3-Dichlo ank : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Blank  Total Number above  Mod : SW8260 - Volative : cis-1,3-Dichlor ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-03 G94-TB-04 G94-TB-04	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  MSMSDB40919082801 MSMSDB4092123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301	ND ND Concentr Maximum ND ND ND ND	0.0758 0.0758 0.0758 Pation Range: Detection Limit =	ug/L ug/L ug/L NC 0.0758 ug/L ug/L ug/L	1 1 1
Analy ype of Bla  9/19/94  9/22/94  9/29/94  9/30/94   Meth Analy ype of Bla  9/19/94  9/22/94  9/22/94  9/23/94  9/29/94	yte : cis-1,3-Dichlo ank : Method Blank BLK944042 BLK944050 BLK944065 Total Number of Blank Total Number above Mod : SW8260 - Volative : cis-1,3-Dichlorank : Trip Blank G94-TB-01 G94-TB-01 G94-TB-03 G94-TB-02 G94-TB-04	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  MSMSDB40919082801 MSMSDB4092123601 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601	ND ND Concentr Maximum ND ND ND	0.0758 0.0758 0.0758 Tation Range: Detection Limit = 0.0758 0.0758 0.0758 0.0758	ug/L ug/L ug/L NC 0.0758 ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Analy Type of Bla 09/19/94 09/22/94 09/29/94 09/30/94 Meth	yte : cis-1,3-Dichlo ank : Method Blank  BLK944042 BLK944050 BLK944065  Total Number of Blank  Total Number above  Mod : SW8260 - Volative : cis-1,3-Dichlor ank : Trip Blank  G94-TB-01 G94-TB-03 G94-TB-03 G94-TB-04 G94-TB-04	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40930181401  anks = 4 Detection Limit = 0  ile Organic Compounds ropropene  MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301 MSMSDB40929151301	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND	0.0758 0.0758 0.0758 Tation Range: Detection Limit = 0.0758 0.0758 0.0758 0.0758 0.0758	ug/L ug/L  NC 0.0758  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8260 - Volat yte : trans-1,2-Dich ank : Ambient Blank	ile Organic Compounds Toroethene				
9/19/94	G94-AB-01	MSMSDB40919082801	ND	0.131	ug/L	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ation Range: Detection Limit =	NC 0.131	
Anal	hod : SW8260 - Volat yte : trans-1,2-Dich ank : Method Blank	ile Organic Compounds Ioroethene				
9/19/94	BLK944042	MSMSDB40919082801	ND	0.131	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.131	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.131	ug/L	1
9/30/94 	BLK944065	MSMSDB40930181401	ND 	0.131 	ug/L	1
	Total Number of Bla Total Number above	anks = 4 Detection Limit = 0		ation Range: Detection Limit =	NC 0.131	
	hod : SW8260 - Volat yte : trans-1,2-Dich	ile Organic Compounds Ioroethene				
ype of Bl	ank : Trip Blank					
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.131	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	ND	0.131	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.131	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.131	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.131	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.131	ug/L	1
	Total Number of Bla	anks = 6	Concentra	ation Range:	NC	
		Detection Limit = 0		Detection Limit =		
Met	hod : SW8260 - Volati yte : trans-1,3-Dichi ank : Ambient Blank	ile Organic Compounds Oropropene				
		MSMSDB40919082801	ND	0.0829	ug/L	1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
			•			
		ile Organic Compounds				
	te : trans-1,3-Dich nk : Method Blank	loropropene				
09/19/94	BLK944042	MSMSDB40919082801	ND	0.0829	ug/L	1
9/22/94	BLK944050	MSMSDB40922123601	ND	0.0829	ug/L	1
9/29/94	BLK944060	MSMSDB40929151301	ND	0.0829	ug/L	1
9/30/94	BLK944065	MSMSDB40930181401	ND	0.0829	ug/L	1
	Total Number of Bl		Concent	ration Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.0829	
Math	-d . CUCACA V-l-+	il- Oussia Camanada				
		ile Organic Compounds				
	te : trans-1,3-Dich	Toropropene				
Ahe oi big	nk : Trip Blank					
9/19/94	G94-TB-01	MSMSDB40919082801	ND	0.0829	ug/L	1
9/22/94	G94-TB-03	MSMSDB40922123601	ND	0.0829	ug/L	1
9/22/94	G94-TB-02	MSMSDB40922123601	ND	0.0829	ug/L	1
9/23/94	G94-TB-04	MSMSDB40922123601	ND	0.0829	ug/L	1
9/29/94	G94-TB-05	MSMSDB40929151301	ND	0.0829	ug/L	1
9/29/94	G94-TB-07	MSMSDB40929151301	ND	0.0829	ug/L	1
	Total Number of Bla		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.0829	
Meth	od : SW8270 - Semive	olatile Organics				
	te : 1,2,4-Trichlor					
	nk : Method Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	0.645	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.498	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.875	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.645	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.875	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.444	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.498	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.444	ug/L	1
	Total Number of Bla	 anks = 8	Concent	ation Range:	NC	
		Detection Limit = 0		Detection Limit		
	TOTAL HAMMEL ADOVE	Detection Finit - 0	riaximum	Detection Limit	= 0.875	

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT 	UNITS	FACTOR
	od : SW8270 - Semiv					
Analy	te : 1,2-Dichlorobe	nzene				
ype of Bla	nk : Method Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	0.704	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.604	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.740	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.704	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.604	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.620	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.740	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.620 	ug/L	1
	Total Number of Bl.	anks = 8	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.740	
9/21/94	BLK944071	MSMSD240921075701	ND	0.405	ug/L	1
		MSMSD140921080601	ND	0.760	ug/L	1
9/21/94	BLK943961	1101100111001001			= .	
	BLK943961 BLK944096	MSMSD240922082701	ND	0.450	ug/L	1
9/22/94				0.450 0.760	ug/L ug/L	1 1
9/22/94 9/26/94	BLK944096	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202	ND ND ND	0.450 0.760 0.450	ug/L ug/L ug/L	1 1 1
9/22/94 9/26/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944149 BLK944165	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201	ND ND ND ND	0.450 0.760 0.450 0.405	ug/L ug/L ug/L ug/L	1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202	ND ND ND ND ND .	0.450 0.760 0.450 0.405 0.564	ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944149 BLK944165	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201	ND ND ND ND	0.450 0.760 0.450 0.405	ug/L ug/L ug/L ug/L	1 1 1
99/22/94 99/25/94 99/27/94 99/27/94	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.450 0.760 0.450 0.405 0.564 0.564	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.450 0.760 0.450 0.405 0.564	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/22/94 09/25/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.450 0.760 0.450 0.405 0.564 0.564	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/22/94 19/26/94 19/27/94 19/27/94 19/27/94 19/28/94 	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.450 0.760 0.450 0.405 0.564 0.564	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/22/94 19/26/94 19/27/94 19/27/94 19/27/94 19/28/94 	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.450 0.760 0.450 0.405 0.564 0.564	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/22/94 19/26/94 19/27/94 19/27/94 19/27/94 19/28/94 Meth Analy	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L O.760	1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above and: SW8270 - Semiver in the substitution of Bl Total Number above the substitution of Bl The substitution of Bl Total Number above and substitution of Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl Total Number above Bl	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND Concent Maximum	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L O.760	1 1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above and: SW8270 - Semiver in the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the substitution of the	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND Maximum	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L O.760	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above  Mod : SW8270 - Semivete : 1,4-Dichlorobe  Mok : Method Blank  BLK944071 BLK943961	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND Concent Maximum ND	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L O.760	1 1 1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above  and: SW8270 - Semiv rte: 1,4-Dichlorobe rnk: Method Blank  BLK944071 BLK943961 BLK944096	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701	ND ND ND ND ND Concent Maximum ND ND	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L O.760	1 1 1 1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above  Mod : SW8270 - Semiv Arte : 1,4-Dichlorobe Ank : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300	ND ND ND ND ND ND ND ND  Concent Maximum  ND ND ND ND ND	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L  NC 0.760  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/28/94 9/28/94  Meth Analy Type of Bla 9/21/94 9/21/94 9/22/94 9/26/94 9/27/94	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above  Mod: SW8270 - Semiv Mod: SW8270 - Semiv Mod: Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080202 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L  NC 0.760  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above  and: SW8270 - Semiver in the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the stat	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L  NC 0.760  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1
Analy	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bl Total Number above  Mod : SW8270 - Semiv Arte : 1,4-Dichlorobe And : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944139 BLK944149 BLK944165	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  olatile Organics nzene  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD240927080201 MSMSD240927080201 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.450 0.760 0.450 0.405 0.564 0.564 	ug/L ug/L ug/L ug/L ug/L ug/L  NC 0.760  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1 1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION	UNITS	DILUTION FACTOR
Meth	nod : SW8270 - Semiv	olatile Organics				
	te : 2,4,5-Trichlor					
	ank : Method Blank	•				
9/21/94	BLK944071	MSMSD240921075701	ND	0.323	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND	0.476	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.702	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.476	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.702	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.323	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.555	ug/L	1
9/28/94 	BLK944201	MSMSD140928081901	ND	0.555	ug/L	1
	Total Number of Bl		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.702	
9/21/94	BLK944071	MSMSD240921075701	ND	0.385	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND	0.450	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.505	ug/L	1
	BLK944139	MSMSD140926083300	ND	0.450	ug/L	1
		MCMCDOARGOTAGAGAG	ND	0.505	ug/L	1
9/27/94	BLK944149	MSMSD240927080202				
9/27/94 9/27/94	BLK944165	MSMSD240927080201	ND	0.385	ug/L	. 1
9/27/94 9/27/94 9/27/94	BLK944165 BLK944201	MSMSD240927080201 MSMSD140927080202	ND	0.385 0.661	ug/L	. 1
9/27/94 9/27/94 9/27/94	BLK944165	MSMSD240927080201		0.385	•	
9/27/94 9/27/94 9/27/94	BLK944165 BLK944201 BLK944201 Total Number of Bla	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND Concent	0.385 0.661 0.661 	ug/L ug/L 	1
9/27/94 9/27/94 9/27/94	BLK944165 BLK944201 BLK944201 Total Number of Bla	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND Concent	0.385 0.661 0.661	ug/L ug/L 	1
9/27/94 9/27/94 9/27/94 9/28/94	BLK944165 BLK944201 BLK944201 Total Number of Bla	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND Concent	0.385 0.661 0.661 	ug/L ug/L 	1
9/27/94 9/27/94 9/27/94 9/28/94 	BLK944165 BLK944201 BLK944201 Total Number of Bla	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND Concent	0.385 0.661 0.661 	ug/L ug/L 	1
9/27/94 9/27/94 9/27/94 9/28/94  Meth Analy	BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND Concent	0.385 0.661 0.661 	ug/L ug/L 	1
8/27/94 8/27/94 8/27/94 8/28/94 Meth Analy ype of Bla	BLK944165 BLK944201 BLK944201 Total Number of Blactor and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State and State an	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND Concent	0.385 0.661 0.661 	ug/L ug/L 	1
Meth Analy pe of Bla /21/94	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver te : 2,4-Dichloropherik : Method Blank  BLK943961 BLK944071	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics	ND ND Concenti Maximum	0.385 0.661 0.661 	ug/L ug/L NC 0.661	1 1
/27/94 /27/94 /27/94 /28/94  Meth Analy pe of Bla /21/94 /21/94 /22/94	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od: SW8270 - Semiver te: 2,4-Dichlorophenk: Method Blank  BLK943961 BLK944071 BLK944096	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics enol  MSMSD140921080601	ND ND Concenti Maximum	0.385 0.661 0.661 	ug/L ug/L NC 0.661	1 1 1
Meth Analy Pe of Bla /21/94 /28/94 /21/94 /21/94 /22/94 /26/94	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver to : 2,4-Dichlorophenk : Method Blank  BLK944096 BLK944139	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics enol  MSMSD140921080601 MSMSD240921075701	ND Concenti Maximum  ND ND	0.385 0.661 0.661 	ug/L ug/L NC 0.661 ug/L ug/L	1 1 1
Meth Analy 1/21/94 1/28/94 1/28/94 1/28/94 1/21/94 1/21/94 1/22/94 1/26/94 1/27/94	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od: SW8270 - Semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to seminary to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semi to seminary to semi to seminary to semi to semi to semi to semi to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics enol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND Concents Maximum  ND ND ND	0.385 0.661 0.661 	ug/L ug/L NC 0.661 ug/L ug/L ug/L	1 1 1 1 1
Meth Analy 1/21/94 1/28/94 1/28/94 1/21/94 1/21/94 1/22/94 1/26/94 1/27/94	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver te : 2,4-Dichlorophenk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944139 BLK944149	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  manks = 8  Detection Limit = 0  Datile Organics enol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080202	ND Concents Maximum  ND ND ND ND ND	0.385 0.661 0.661 	ug/L ug/L NC 0.661 ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Meth Analy ppe of Bla /21/94 /22/94 /21/94 /22/94 /26/94 /27/94 /27/94 /27/94	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to seminary to semiver to semiver to semiver to semiver to semiver to seminary to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to seminary to semiver to semiver to semiver to semiver to semiver to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to semina	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics enol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080202 MSMSD240927080201	ND Concents Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.385 0.661 0.661 Tration Range: Detection Limit = 0.701 0.404 0.226 0.701 0.878	ug/L ug/L 0.661  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Meth Analy ppe of Bla /21/94 /22/94 /21/94 /22/94 /26/94 /27/94 /27/94 /27/94	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver te : 2,4-Dichlorophenk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944139 BLK944149	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  manks = 8  Detection Limit = 0  Datile Organics enol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080202	ND Concents Maximum  ND ND ND ND ND ND ND ND ND ND	0.385 0.661 0.661 Tration Range: Detection Limit =	ug/L ug/L 0.661  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Analy	BLK944165 BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to seminary to semiver to semiver to semiver to semiver to semiver to seminary to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to semiver to seminary to semiver to semiver to semiver to semiver to semiver to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to seminary to semina	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics enol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080202 MSMSD240927080201 MSMSD140928081901	ND Concents Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.385 0.661 0.661 	ug/L ug/L  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION	INTE	DILUTION
	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
	nod : SW8270 - Semiv					
	/te : 2,4-Dimethylph ank : Method Blank	eno i				
09/21/94	BLK944071	MSMSD240921075701	ND	0.658	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.650	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.882	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.650	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND .	0.882	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.658	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.814	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.814	ug/L	1
	Total Number of Bl	anks = 8	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit	= 0.882	
	,					
Meth	nod : SW8270 - Semive	olatile Organics		•		
Analy	te : 2,4-Dinitrophe	lor				
ype of Bla	nk : Method Blank					
9/21/94	BLK944071	MSMSD240921075701	ND ·	1.21	ug/L	1
		MSMSD140921080601	ND	1.91	ug/L	1
9/21/94	BLK943961		NU	1.01	_	
	BLK943961 BLK944096	MSMSD240922082701	ND	2.80	ug/L	1
9/22/94					_	1 1
9/22/94 9/26/94	BLK944096	MSMSD240922082701	ND	2.80	ug/L	
09/22/94 09/26/94 09/27/94	BLK944096 BLK944139	MSMSD240922082701 MSMSD140926083300	ND ND	2.80 1.91	ug/L ug/L	1
9/22/94 9/26/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201	ND ND ND	2.80 1.91 1.21	ug/L ug/L ug/L	1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202	ND ND ND ND	2.80 1.91 1.21 2.80	ug/L ug/L ug/L ug/L	1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND	2.80 1.91 1.21 2.80 1.13	ug/L ug/L ug/L ug/L ug/L	1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	2.80 1.91 1.21 2.80 1.13 1.13	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	2.80 1.91 1.21 2.80 1.13 1.13	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	2.80 1.91 1.21 2.80 1.13 1.13	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	2.80 1.91 1.21 2.80 1.13 1.13	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	2.80 1.91 1.21 2.80 1.13 1.13	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	2.80 1.91 1.21 2.80 1.13 1.13	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics uene	ND ND ND ND ND Concent Maximum	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L == 0.80	1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  and: SW8270 - Semiver arte: 2,4-Dinitrotolumnk: Method Blank BLK943961	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics gene  MSMSD140921080601	ND ND ND ND ND ND MD ND ND Maximum	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 2.80	1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  and: SW8270 - Semive re: 2,4-Dinitrotolumk: Method Blank  BLK943961 BLK944071	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD140921075701	ND ND ND ND ND ND Concent Maximum ND	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L  RC = 2.80	1 1 1 1 1
9/22/94 19/26/94 19/27/94 19/27/94 19/27/94 19/28/94 19/28/94 19/21/94 19/21/94 19/22/94 19/26/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  Mod : SW8270 - Semive Arte : 2,4-Dinitrotolumnk : Method Blank  BLK943961 BLK944071 BLK944096	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD140921075701 MSMSD240921075701	ND ND ND ND ND Concent Maximum ND ND	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L  vg/L  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Meth Analy 19/22/94 19/27/94 19/27/94 19/28/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  mod : SW8270 - Semive rte : 2,4-Dinitrotole rick : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND ND ND ND ND ND ND ND ND ND ND ND N	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Meth Analy 19/22/94 19/27/94 19/27/94 19/28/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/27/94 19/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blace of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of t	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L = 2.80  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blatant Number above  Mod : SW8270 - Semiver of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element of Element	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD240921075701 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 2.80  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  Mod : SW8270 - Semive Arte : 2,4-Dinitrotolu Ank : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics Lene  MSMSD140921080601 MSMSD240921075701 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD240927080201 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	2.80 1.91 1.21 2.80 1.13 1.13 	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 2.80  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8270 - Semiv	olatile Organics				
Analy	te : 2,6-Dinitrotol	uene				
Type of Bla	nk : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	0.618	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.752	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.791	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.752	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.618	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.752	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.791	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.752	ug/L	1
	Total Number of Bl		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit	= 0.791	
09/21/94 09/22/94	BLK944071 BLK944096	MSMSD240921075701	ND an	0.797	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND ND	0.962	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.15	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.962	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.797	ug/L	1
	DL VO 4 41 40	MCMCDOADDOADDO	ND	1.15	ug/L	1
	BLK944149	MSMSD240927080202				
09/27/94	BLK944201	MSMSD140927080202	ND	0.663	ug/L	1
09/27/94				0.663 0.663	ug/L ug/L	1 1
09/27/94 09/27/94 09/28/94	BLK944201 BLK944201 	MSMSD140927080202 MSMSD140928081901 anks = 8	ND ND Concentr	0.663  ration Range:	ug/L  NC	
09/27/94	BLK944201 BLK944201 	MSMSD140927080202 MSMSD140928081901	ND ND Concentr	0.663	ug/L  NC	
09/27/94 09/28/94 	BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.663  ration Range:	ug/L  NC	
09/27/94 09/28/94  Meth	BLK944201 BLK944201 	MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.663  ration Range:	ug/L  NC	
09/27/94 09/28/94  Meth Analy	BLK944201 BLK944201 Total Number of Black Total Number above	MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.663  ration Range:	ug/L  NC	
09/27/94 09/28/94  Meth Analy	BLK944201 BLK944201 Total Number of Blace Total Number above od : SW8270 - Semived te : 2-Chlorophenol	MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.663  ration Range:	ug/L  NC	
09/27/94 09/28/94 Meth Analy Type of Bla	BLK944201 BLK944201 Total Number of Bla Total Number above od : SW8270 - Semive te : 2-Chlorophenol nk : Method Blank	MSMSD140927080202 MSMSD140928081901	ND ND  Concentr Maximum	0.663 	ug/L NC = 1.15	1
Meth Analy ype of Bla	BLK944201 BLK944201 Total Number of Blance Total Number above  od : SW8270 - Semive te : 2-Chlorophenol nk : Method Blank  BLK943961	MSMSD140927080202 MSMSD140928081901 	ND ND Concentr Maximum	0.663	ug/L NC = 1.15	1
Meth Analy Type of Bla 19/21/94 19/21/94	BLK944201 BLK944201 Total Number of Blance od : SW8270 - Semive te : 2-Chlorophenol nk : Method Blank BLK943961 BLK944071	MSMSD140927080202 MSMSD140928081901 anks = 8 Detection Limit = 0 platile Organics MSMSD140921080601 MSMSD240921075701	ND ND Concentr Maximum ND ND	0.663 ration Range: Detection Limit  0.637 0.537	ug/L  NC = 1.15  ug/L  ug/L	1 1 1
Meth Analy Type of Bla 9/21/94 9/22/94 9/26/94	BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver te : 2-Chlorophenol nk : Method Blank  BLK943961 BLK944071 BLK944096	MSMSD140927080202 MSMSD140928081901 manks = 8 Detection Limit = 0 Dlatile Organics MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND Concentr Maximum  ND ND ND	0.663 ration Range: Detection Limit  0.637 0.537 0.677	ug/L  NC = 1.15  ug/L  ug/L  ug/L  ug/L	1 1 1 1
Meth Analy 19/21/94 9/21/94 9/22/94 9/26/94 9/27/94	BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver to : 2-Chlorophenol nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139	MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND Concentr Maximum  ND ND ND ND ND	0.663 ration Range: Detection Limit  0.637 0.537 0.677 0.637	ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1
9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/26/94 9/27/94	BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver te : 2-Chlorophenol nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149	MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD140921080601 MSMSD240921080601 MSMSD240921082701 MSMSD140926083300 MSMSD240927080202	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND	0.663 ration Range: Detection Limit  0.637 0.537 0.637 0.637 0.637	ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1
9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94	BLK944201 BLK944201 Total Number of Blactor Number above  od : SW8270 - Semiver te : 2-Chlorophenol nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944149 BLK944201	MSMSD140927080202 MSMSD140928081901  manks = 8 Detection Limit = 0  platile Organics  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND	0.663  ration Range: Detection Limit  0.637 0.537 0.677 0.637 0.677 0.677 0.571	ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1
09/27/94 09/28/94  Meth Analy Type of Bla	BLK944201 BLK944201 Total Number of Blance Total Number above  od : SW8270 - Semive te : 2-Chlorophenol nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165	MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.663 ration Range: Detection Limit  0.637 0.537 0.677 0.637 0.677 0.571 0.537	ug/L  NC = 1.15  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1

ANALYZED	SAMPLE	BATCH	DECULT	DETECTION	LIMITTO	DILUTION
	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
Ma+L	nod : SW8270 - Semive	platile Organics				
	rte : 2-Methylnaphtha					
-	nk : Method Blank					
09/21/94	BLK943961	MSMSD140921080601	ND	1.17	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.811	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.729	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.17	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.586	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.811	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.729	ug/L	1
09/28/94 	BLK944201	MSMSD140928081901	ND 	0.586	ug/L 	1 
	Total Number of Bla			ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 1.17	
Analy	od : SW8270 - Semivo te : 2-Methylphenol nk : Method Blank	orative organics				
Type of bla						
09/21/94	BLK944071	MSMSD240921075701	ND	0.477	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.575	ug/L	1
	BLK944096	MSMSD240922082701	ND	0.636	ug/L	1
						_
09/26/94	BLK944139	MSMSD140926083300	ND	0.575	ug/L	1
09/26/94 09/27/94	BLK944139 BLK944149	MSMSD240927080202	ND	0.636	ug/L	1
09/26/94 09/27/94 09/27/94	BLK944139 BLK944149 BLK944201	MSMSD240927080202 MSMSD140927080202	ND ND	0.636 0.317	ug/L ug/L	1 1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944139 BLK944149 BLK944201 BLK944165	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201	ND ND ND	0.636 0.317 0.477	ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944139 BLK944149 BLK944201	MSMSD240927080202 MSMSD140927080202	ND ND	0.636 0.317	ug/L ug/L	1 1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201  Total Number of Bla	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND Concentr	0.636 0.317 0.477 0.317	ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201  Total Number of Bla	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND Concentr	0.636 0.317 0.477 0.317	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201  Total Number of Bla	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901 	ND ND ND ND Concentr	0.636 0.317 0.477 0.317	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivote : 2-Nitroaniline	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901 	ND ND ND ND Concentr	0.636 0.317 0.477 0.317	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201  Total Number of Bla Total Number above	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901 	ND ND ND ND Concentr	0.636 0.317 0.477 0.317	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy Type of Bla	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivote : 2-Nitroaniline	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901 	ND ND ND ND Concentr	0.636 0.317 0.477 0.317 	ug/L ug/L ug/L ug/L  NC = 0.636	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy Type of Bla	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivote : 2-Nitroaniline nk : Method Blank	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601	ND ND ND Concentr Maximum ND	0.636 0.317 0.477 0.317 	ug/L ug/L ug/L ug/L  NC = 0.636	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : 2-Nitroaniline nk : Method Blank  BLK944071 BLK944096	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701	ND ND ND Concentr Maximum ND ND	0.636 0.317 0.477 0.317 Pation Range: Detection Limit =	ug/L ug/L ug/L  NC = 0.636	1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944139 BLK944149 BLK944165 BLK944201	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND	0.636 0.317 0.477 0.317 Pation Range: Detection Limit =	ug/L ug/L ug/L  NC = 0.636  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 09/28/94 09/21/94 09/21/94 09/22/94 09/26/94 09/27/94	BLK944139 BLK944149 BLK944165 BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semivo te : 2-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944165	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  mnks = 8 Detection Limit = 0  platile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND	0.636 0.317 0.477 0.317 Pation Range: Detection Limit =	ug/L ug/L ug/L  NC = 0.636  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Meth Analy (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1942) (1943) (1942) (1943)	BLK944139 BLK944149 BLK944165 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : 2-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944165 BLK944201	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  mnks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND	0.636 0.317 0.477 0.317 Pation Range: Detection Limit =	ug/L ug/L ug/L  NC = 0.636  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 09/28/94 09/21/94 09/21/94 09/21/94 09/22/94 09/27/94 09/27/94	BLK944139 BLK944149 BLK944165 BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semivo te : 2-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944165 BLK944165 BLK944149	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  MSMSD140928081901  MSMSD240921075701 MSMSD240921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD240927080202	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.636 0.317 0.477 0.317 Tation Range: Detection Limit = 0.515 0.748 1.15 0.748 0.515 0.745 1.15	ug/L ug/L ug/L  NC = 0.636  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1
Meth Analy 199/27/94 199/27/94 199/28/94 199/28/94 199/21/94 199/21/94 199/22/94 199/27/94 199/27/94 199/27/94	BLK944139 BLK944149 BLK944165 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : 2-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944165 BLK944201	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  mnks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND	0.636 0.317 0.477 0.317 Pation Range: Detection Limit =	ug/L ug/L ug/L  NC = 0.636  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 09/28/94 09/21/94 09/21/94 09/21/94 09/26/94 09/27/94	BLK944139 BLK944149 BLK944165 BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semivo te : 2-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944165 BLK944165 BLK944149	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  mnks = 8 Detection Limit = 0  platile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD240927080202 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.636 0.317 0.477 0.317 Tation Range: Detection Limit = 0.515 0.748 1.15 0.748 0.515 0.745 1.15	ug/L ug/L ug/L  NC = 0.636  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
7117121220	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meti	nod : SW8270 - Semiv	olatile Organics				
	yte : 2-Nitrophenol					
Type of Bla	ank : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	0.773	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	1.08	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.691	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.08	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.773	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.748	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.691	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.748	ug/L	1
	Total Number of Bl	anks = 8	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 1.08	
10 / 21 / 04	BLK944071	MSMSD240921075701	ND	3.70	ug/L	1
09/21/94 09/21/94 09/22/94	BLK943961	MSMSD140921080601	ND ND	0.716 0.539	ug/L ug/l	1
09/21/94 09/22/94			ND ND ND	0.716 0.539 0.716	ug/L	1 1 1
09/21/94 09/22/94 09/26/94	BLK943961 BLK944096	MSMSD140921080601 MSMSD240922082701	ND	0.539		1
09/21/94 09/22/94 09/26/94 09/27/94	BLK943961 BLK944096 BLK944139	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300	ND ND	0.539 0.716	ug/L ug/L	1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK943961 BLK944096 BLK944139 BLK944165	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201	ND ND ND	0.539 0.716 3.70	ug/L ug/L ug/L	1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202	ND ND ND	0.539 0.716 3.70 0.539	ug/L ug/L ug/L ug/L	1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND	0.539 0.716 3.70 0.539 0.903	ug/L ug/L ug/L ug/L ug/L	1 1 1 1
	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.539 0.716 3.70 0.539 0.903 0.903	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Bla	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND ND ND	0.539 0.716 3.70 0.539 0.903 0.903	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND ND ND	0.539 0.716 3.70 0.539 0.903 0.903	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Bla	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND ND ND	0.539 0.716 3.70 0.539 0.903 0.903	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Blate Total Number above	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND ND ND	0.539 0.716 3.70 0.539 0.903 0.903	ug/L ug/L ug/L ug/L ug/L ug/L solution NC = 3.70	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy ype of Bla	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Blace Total Number above  Mod : SW8270 - Semive te : 3-Nitroaniline nk : Method Blank	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND Concenti	0.539 0.716 3.70 0.539 0.903 0.903 	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 3.70	1 1 1 1 1
9/21/94 99/22/94 99/26/94 99/27/94 99/27/94 99/28/94 Meth Analy ype of Bla 9/21/94 9/21/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Blatonial Number above  and: SW8270 - Semiver te: 3-Nitroaniline nk: Method Blank	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND MD MD MD ND Maximum	0.539 0.716 3.70 0.539 0.903 0.903 Pation Range: Detection Limit	ug/L ug/L ug/L ug/L ug/L  SNC = 3.70	1 1 1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blatotal Number above  od : SW8270 - Semivote : 3-Nitroaniline nk : Method Blank  BLK944071 BLK943961	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND Concent Maximum ND ND	0.539 0.716 3.70 0.539 0.903 0.903 Pation Range: Detection Limit	ug/L ug/L ug/L ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 09/28/94 Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/26/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blatonia Number above  od : SW8270 - Semivote : 3-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701	ND ND ND ND ND Concent Maximum ND ND ND	0.539 0.716 3.70 0.539 0.903 0.903 	ug/L ug/L ug/L ug/L ug/L ug/L  ug/L  ug/L ug/L	1 1 1 1 1 1 1 1 1
Meth Analy 19/22/94 19/26/94 19/27/94 19/27/94 19/28/94 19/28/94 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201  Total Number of Bla Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.539 0.716 3.70 0.539 0.903 0.903 Pation Range: Detection Limit	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 3.70  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Meth Analy 19/21/94 19/25/94 19/27/94 19/27/94 19/28/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/27/94 19/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above  sod : SW8270 - Semivo te : 3-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944149	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD240921080601 MSMSD140926083300 MSMSD240927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.539 0.716 3.70 0.539 0.903 0.903 	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 3.70  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1
Meth Analy ype of Bla 9/22/94 99/27/94 99/27/94 99/28/94 	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Blace of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Semiver of Sw8270 - Sw8270 - Semiver of Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw8270 - Sw	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.539 0.716 3.70 0.539 0.903 0.903 	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 3.70  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201  Total Number of Blactorial Number above  Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Sweet and Swee	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics  MSMSD240921075701 MSMSD14092808001 MSMSD240921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.539 0.716 3.70 0.539 0.903 0.903 Pation Range: Detection Limit  0.511 0.894 0.860 0.894 0.860 0.511 0.786	ug/L ug/L ug/L ug/L ug/L ug/L  NC = 3.70  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Moth	nod : SW8270 - Semivo	platile Organics				
	te: 4,6-Dinitro-2-r					
	ink : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	2.89	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.457	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.976	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.457	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.991	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.976	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	2.89	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.991	ug/L	1
	Total Number of Bla	anks = 8	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	2.89	
	nod : SW8270 - Semivo rte : 4-Bromophenyl p					
ype of Bla	nk : Method Blank					
09/21/94	BLK943961	MSMSD140921080601	ND	0.752	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.288	ug/L	1
	BLK944096	MSMSD240922082701	ND	0.881	ug/L	1
			ND	0.752	ug/L .	1
09/26/94	BLK944139	MSMSD140926083300			<del>-</del>	
09/26/94 09/27/94	BLK944149	MSMSD240927080202	ND	0.881	ug/L	1
09/26/94 09/27/94 09/27/94	BLK944149 BLK944165	MSMSD240927080202 MSMSD240927080201	ND ND	0.881 0.288	ug/L ug/L	1 1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944149 BLK944165 BLK944201	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202	ND ND ND	0.881 0.288 0.423	ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944149 BLK944165	MSMSD240927080202 MSMSD240927080201	ND ND	0.881 0.288	ug/L ug/L	1 1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944149 BLK944165 BLK944201 BLK944201	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND Concent	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L ug/L	1 1 1
09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944149 BLK944165 BLK944201 BLK944201	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND Concent	0.881 0.288 0.423 0.423	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944149 BLK944165 BLK944201 BLK944201	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND Concent	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND Concent	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND Concent	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L ug/L	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601	ND ND ND Concenti	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L ug/L  NC 0.881	1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy Type of Bla	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above and: SW8270 - Semiver of the : 4-Chloro-3-methank: Method Blank	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics mylphenol	ND ND ND Concent Maximum	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L ug/L  NC 0.881	1 1 1
Meth Analy Sype of Bla	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above  and: SW8270 - Semiver  are: 4-Chloro-3-method and: Method Blank  BLK943961	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601	ND ND ND Concenti	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L  NC 0.881  ug/L ug/L ug/L ug/L	1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Blatotal Number above  and: SW8270 - Semiverte: 4-Chloro-3-methank: Method Blank  BLK943961 BLK944071	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND ND Concenti Maximum  ND ND	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L  O.881  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 09/28/94 Meth Analy Type of Bla 09/21/94 09/21/94 09/22/94	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Blatotal Number above  and: SW8270 - Semiver te: 4-Chloro-3-metlenk: Method Blank  BLK943961 BLK944071 BLK944096	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND ND ND Concenti Maximum ND ND	0.881 0.288 0.423 0.423 Tration Range: Detection Limit =	ug/L ug/L ug/L  O.881  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 09/28/94 09/21/94 09/21/94 09/22/94 09/26/94	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Blatotal Number above  and: SW8270 - Semiverte: 4-Chloro-3-metlank: Method Blank  BLK943961 BLK944071 BLK944096 BLK944139	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND ND Concents Maximum ND ND ND ND ND ND ND	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L  O.881  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Meth Analy Type of Bla 09/27/94 09/27/94 09/28/94 09/21/94 09/21/94 09/22/94 09/27/94	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above  and: SW8270 - Semive re: 4-Chloro-3-metl ank: Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944201	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202	ND ND ND Concenti Maximum  ND ND ND ND ND ND ND ND ND ND	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L  O.881  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Meth Analy 199/27/94 199/27/94 199/28/94 199/28/94 199/21/94 199/21/94 199/22/94 199/27/94 199/27/94	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above  and: SW8270 - Semive re: 4-Chloro-3-meth ank: Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944139 BLK944165	MSMSD240927080202 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080201	ND ND ND Concents Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L  O.881  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK944149 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above  Mod: SW8270 - Semive Arte: 4-Chloro-3-meth ank: Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944165 BLK944165 BLK944149	MSMSD240927080202 MSMSD140927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics hylphenol  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD140927080202 MSMSD240927080202 MSMSD240927080202 MSMSD140928081901	ND ND ND Concent Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.881 0.288 0.423 0.423 	ug/L ug/L ug/L  O.881  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1 1

Compiled: 21 March 1995

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meti	nod : SW8270 ~ Semiv	rolatile Organics				
	yte : 4-Chlorophenyl	phenyl ether				
ype of Bla	ank : Method Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	0.898	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.451	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.574	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.898	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.451	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.472	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.574	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.472	ug/L	1
	Total Number of Bl	anks = 8	Concenti	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit :		
Meth	nod : SW8270 - Semiv	olatile Organice				
	te : 4-Methylphenol	5				
	ank : Method Blank	7 3 - Metriy i priento i				
ype or bro	ank . Hethod Brank					
9/21/94	BLK943961	MSMSD140921080601	ND	0.859	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.442	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.438	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.859	ug/L	1
	BLK944149	MSMSD240927080202	ND	0.438	ug/L	1
3/27/94	DENOTTITO			0.100		τ.
	BLK944165	MSMSD240927080201	ND	0.442	ug/L	1
9/27/94			ND ND		ug/L ug/L	
9/27/94 9/27/94	BLK944165	MSMSD240927080201		0.442	•	1
9/27/94 9/27/94	BLK944165 BLK944201 BLK944201 Total Number of Bl	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND	0.442 0.368	ug/L	1
9/27/94 9/27/94 9/27/94 9/28/94 	BLK944165 BLK944201 BLK944201 Total Number of Bl	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND Concentr	0.442 0.368 0.368	ug/L ug/L NC	1
9/27/94 9/27/94	BLK944165 BLK944201 BLK944201 Total Number of Bl	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.442 0.368 0.368 	ug/L ug/L NC	1
9/27/94 9/27/94 9/28/94 	BLK944165 BLK944201 BLK944201  Total Number of Blace Total Number above	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.442 0.368 0.368 	ug/L ug/L NC	1
9/27/94 9/27/94 9/28/94  Meth Analy	BLK944165 BLK944201 BLK944201 Total Number of Blactorial Number above and: SW8270 - Semiverte: 4-Nitroaniline	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.442 0.368 0.368 	ug/L ug/L NC	1
9/27/94 9/27/94 9/28/94  Meth Analy	BLK944165 BLK944201 BLK944201  Total Number of Blace Total Number above	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.442 0.368 0.368 	ug/L ug/L NC	1
9/27/94 9/27/94 9/28/94  Meth Analy	BLK944165 BLK944201 BLK944201 Total Number of Blactorial Number above and: SW8270 - Semiverte: 4-Nitroaniline	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND Concentr	0.442 0.368 0.368 	ug/L ug/L NC	1
8/27/94 8/27/94 8/28/94 Meth Analy	BLK944165 BLK944201 BLK944201 Total Number of Bl. Total Number above  Mod : SW8270 - Semiver te : 4-Nitroaniline nk : Method Blank	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901 	ND ND Concentr Maximum	0.442 0.368 0.368 	ug/L ug/L NC : 0.859	1 1 1
8/27/94 8/27/94 8/28/94 Meth Analy Upe of Bla	BLK944165 BLK944201 BLK944201  Total Number of Black Total Number above  Mod : SW8270 - Semiver te : 4-Nitroaniline Ink : Method Blank  BLK944071	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics  MSMSD240921075701	ND ND Concentr Maximum	0.442 0.368 0.368 	ug/L ug/L NC : 0.859	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Meth Analy pe of Bla	BLK944165 BLK944201 BLK944201 Total Number of Black Total Number above  Mod : SW8270 - Semiver  The : 4-Nitroaniline  The : Method Blank  BLK944071 BLK943961	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0 colatile Organics  MSMSD240921075701 MSMSD140921080601	ND ND Concentr Maximum ND	0.442 0.368 0.368 	ug/L ug/L NC 0.859	1 1 1
Meth Analy pe of Bla 1/21/94 //21/94 //22/94 //26/94	BLK944165 BLK944201 BLK944201 Total Number of Blance Find : SW8270 - Semiver te : 4-Nitroaniline Fink : Method Blank BLK944071 BLK943961 BLK944096	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0   platile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701	ND ND Concentr Maximum ND ND ND	0.442 0.368 0.368 	ug/L ug/L  NC 0.859  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
Meth Analy /21/94 /28/94 /21/94 /21/94 /22/94 /26/94 /27/94	BLK944165 BLK944201 BLK944201 Total Number of Blance Find: SW8270 - Semiver Fite: 4-Nitroaniline Fink: Method Blank BLK944071 BLK943961 BLK944096 BLK944139	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  blatile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300	ND ND Concentr Maximum  ND ND ND ND ND	0.442 0.368 0.368 	ug/L ug/L NC 0.859 ug/L ug/L ug/L	1 1 1 1 1 1 1
Meth Analy D/21/94 D/28/94 Meth Analy D/21/94 D/21/94 D/22/94 D/27/94 D/27/94	BLK944165 BLK944201 BLK944201 Total Number of Blance of SW8270 - Semiver of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of th	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  blatile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202	ND ND Concentr Maximum  ND ND ND ND ND ND ND	0.442 0.368 0.368 	ug/L ug/L  NC 0.859  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
Meth Analy pe of Bla 1/21/94 1/21/94 1/22/94 1/27/94 1/27/94 1/27/94	BLK944165 BLK944201 BLK944201 Total Number of Bl. Total Number above  od : SW8270 - Semiver te : 4-Nitroaniline nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944149 BLK944165	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND	0.442 0.368 0.368 	ug/L ug/L  NC 0.859  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Meth Analy pe of Bla /21/94 /21/94 /22/94 /27/94 /27/94 /27/94	BLK944165 BLK944201 BLK944201  Total Number of Blance  Total Number above  BLK94470 - Semivalent  BLK944071 BLK944071 BLK944096 BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944201	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0 colatile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.442 0.368 0.368 0.368 Pation Range: Detection Limit =	ug/L ug/L  NC 0.859  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1
9/27/94 9/27/94 9/28/94  Meth Analy	BLK944165 BLK944201 BLK944201 Total Number of Blacked Swazon - Semiver to : 4-Nitroanilinenk: Method Blank BLK944071 BLK943961 BLK944096 BLK944139 BLK944139 BLK944165 BLK944165 BLK944201 BLK944201 Total Number of Blacked	MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0 colatile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.442 0.368 0.368 0.368 Pation Range: Detection Limit =	ug/L ug/L	1 1 1 1 1 1 1 1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	od : SW8270 - Semiv	olatile Organics				
-	te : 4-Nitrophenol		*			
ype of Bla	nk : Method Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	1.15	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.761	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	2.79	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	1.15	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	1.17	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.761	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	2.79	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	1.17	ug/L	1
	Total Number of Bl	anks = 8	Concent	ration Range:	NC	<b>_</b>
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	2.79	
9/22/94 9/26/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944201 BLK944149	MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080202	ND ND ND ND	0.727 0.669 0.645 0.727	ug/L ug/L ug/L ug/L	1 1 1
19/27/94	BLK944165	MSMSD240927080201	ND	0.604	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.645	ug/L	1
	Total Number of Bl	 anks = 8	Concent	 ration Range:	NC	
		Detection Limit = 0	Maximum	Detection Limit =	0.727	
Analy	od : SW8270 - Semiv te : Acenaphthylene	olatile Organics				
ype of Bla	nk : Method Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	0.456	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.616	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.634	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.456	ug/L	. 1
9/27/94	BLK944149	MSMSD240927080202	ND	0.634	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.616	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND ·	0.639	ug/L	1
)9/28/94 	BLK944201	MSMSD140928081901	ND	0.639 	ug/L 	1 
	Total Number of Bl			ration Range:		
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.639	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
	nod : SW8270 - Semiv	olatile Organics				
	te : Anthracene					
ype of Bla	ank : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	0.664	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.460	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.588	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.460	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.664	ug/L ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.588	ug/L ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.770	-	_
9/28/94	BLK944201	MSMSD140927080202	ND	0.770	ug/L ug/L	1
		H9H9D1409C0001301	NU	0.770	ug/ L	1
	Total Number of Bl	anks = 8	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.770	
9/21/94	BLK944071	MSMSD240921075701	ND ND	0.728	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND	0.511	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.551	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.511	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.551	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.600	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.728	ug/L	1
9/28/94 	BLK944201	MSMSD140928081901	ND	0.600	ug/L	1
	Total Number of Bla	anks = 8	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.728	
	od : SW8270 - Semivo	platile Organics				
	te : Benzo(a)pyrene nk : Method Blank					
JPC OI DIA	ink . Hethou Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	0.682	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.661	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.696	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.682	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.802	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.696	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.661	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.802	ug/L	1
	Total Number 5 Pl					
	Total Number of Bla			ation Range:	NC	
	iotal Number above	Detection Limit = 0	Maximum	Detection Limit =	0.802	

Compiled: 21 March 1995

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

A-1.1-64

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	nod : SW8270 - Šemiv	olatile Organics				
Analy	rte : Benzo(b)fluora	nthene				
Type of Bla	nk : Method Blank					
09/21/94	BLK943961	MSMSD140921080601	ND	0.768	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.649	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.703	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.768	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.649	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.703	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	1.06	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND .	1.06	ug/L	1
	Total Number of Bl	anks = 8	Concentr	ation Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 1.06	
9/21/94	BLK944071	MSMSD240921075701	ND	0.702	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND ND	0.684	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.677	ug/L	1
	BLK944139	MSMSD140926083300	ND	0.684	ug/L	1
		MSMSD240927080202	ND	0.677	ug/L	1
9/26/94	BLK944149					
09/26/94 09/27/94	BLK944149 BLK944201	MSMSD140927080202	ND	1.14	ug/L	1
9/26/94 9/27/94 9/27/94			ND ND	1.14 0.702	ug/L ug/L	1 1
9/26/94 9/27/94 9/27/94 9/27/94	BLK944201	MSMSD140927080202				
9/26/94 9/27/94 9/27/94 9/27/94	BLK944201 BLK944165 BLK944201  Total Number of Bla	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND Concentr	0.702 1.14 	ug/L ug/L  NC	1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944201 BLK944165 BLK944201  Total Number of Bla	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND Concentr	0.702 1.14	ug/L ug/L  NC	1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944201 BLK944165 BLK944201  Total Number of Bla	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901 	ND ND Concentr	0.702 1.14 	ug/L ug/L  NC	1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND Concentr	0.702 1.14 	ug/L ug/L  NC	1
99/26/94 199/27/94 199/27/94 199/27/94 199/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND Concentr	0.702 1.14 	ug/L ug/L  NC	1
99/26/94 19/27/94 19/27/94 19/27/94 19/28/94 19/28/94 Meth Analy	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above od : SW8270 - Semive	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND Concentr	0.702 1.14 	ug/L ug/L  NC	1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above od : SW8270 - Semivote : Benzo(k)fluorar	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics withene	ND ND Concentr Maximum	0.702 1.14 	ug/L ug/L NC = 1.14	1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : Benzo(k)fluorar nk : Method Blank  BLK943961	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics nthene  MSMSD140921080601	ND ND Concentr Maximum	0.702 1.14	ug/L ug/L NC = 1.14	1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : Benzo(k)fluorar nk : Method Blank  BLK943961 BLK944071	MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics nthene  MSMSD140921080601 MSMSD240921075701	ND ND Concentr Maximum ND ND	0.702 1.14  ration Range: Detection Limit  1.11 0.945	ug/L ug/L NC = 1.14 ug/L ug/L	1 1 
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Benzo(k)fluoran nk : Method Blank  BLK943961 BLK944071 BLK944096	MSMSD140927080202 MSMSD140927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics onthene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND ND Concentr Maximum ND ND ND	0.702 1.14 Pation Range: Detection Limit	ug/L ug/L NC = 1.14 ug/L ug/L ug/L	1 1 1 1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Benzo(k)fluorar nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139	MSMSD140927080202 MSMSD140927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0  Datile Organics Anthene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND Concentr Maximum ND ND ND ND	0.702 1.14 	ug/L ug/L NC = 1.14 ug/L ug/L ug/L ug/L	1 1 1 1 1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 9/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Benzo(k)fluorar nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944201	MSMSD140927080202 MSMSD140927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics othene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202	ND ND Concentr Maximum ND ND ND ND ND	0.702 1.14 	ug/L ug/L  NC = 1.14  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Benzo(k)fluorar nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944139 BLK944165	MSMSD140927080202 MSMSD140927080201 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics nthene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080201	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND	0.702 1.14 	ug/L ug/L  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK944201 BLK944165 BLK944201 Total Number of Blatant Number above  od : SW8270 - Semive te : Benzo(k)fluorarnk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944165 BLK944165 BLK944149	MSMSD140927080202 MSMSD140927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0  Datile Organics Othene  MSMSD140921080601 MSMSD240921075701 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080202 MSMSD240927080202 MSMSD240927080202 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.702 1.14 	ug/L ug/L  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
	od : SW8270 - Semiv	rolatile Organics				
	te : Benzoic acid					
Type of Bla	nk : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	6.03	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	3.11	ug/L ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	6.03	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	3.11	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	6.03	ug/L ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	26.3	ug/L ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	6.03	ug/L ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	26.3	ug/L ug/L	1
	Total Number -5 27	anka = 0				
	Total Number of Bl	anks = 8 Detection Limit = 0		ation Range:	NC	
	iotal Mulliper above	Detection Limit = 0	Maximum	Detection Limit	= 26.3	
	od : SW8270 - Semiv	olatile Organics				
	te : Benzyl alcohol	•				
ype of Bla	nk : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	0.428	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND	0.698	ug/L ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.608	ug/L ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.698	ug/L ug/L	1
	BLK944165	MSMSD240927080201	ND	0.428	ug/L ug/L	1
9/27/94				120	-9/L	-
	BLK944149	MSMSD240927080202	ND	0.608	1/nu	1
9/27/94	BLK944149 BLK944201	MSMSD240927080202 MSMSD140927080202	ND ND	0.608 0.543	ug/L ug/l	1
9/27/94 9/27/94		MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND	0.543	ug/L	1
09/27/94 09/27/94	BLK944201	MSMSD140927080202	ND		-	
09/27/94 09/27/94	BLK944201 BLK944201 Total Number of Bla	MSMSD140927080202 MSMSD140928081901 anks = 8	ND ND Concentr	0.543 0.543 ation Range:	ug/L ug/L 	1
09/27/94 09/27/94	BLK944201 BLK944201 Total Number of Bla	MSMSD140927080202 MSMSD140928081901	ND ND Concentr	0.543 0.543	ug/L ug/L 	1
09/27/94 09/27/94 09/28/94	BLK944201 BLK944201 Total Number of Black Total Number above	MSMSD140927080202 MSMSD140928081901 anks = 8 Detection Limit = 0	ND ND Concentr	0.543 0.543 ation Range:	ug/L ug/L 	1
	BLK944201 BLK944201 Total Number of Black Total Number above	MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics	ND ND Concentr	0.543 0.543 ation Range:	ug/L ug/L 	1
09/27/94 09/27/94 09/28/94  Meth Analy	BLK944201 BLK944201 Total Number of Black Total Number above  Dod : SW8270 - Semive  Total Butylbenzylphtics	MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics	ND ND Concentr	0.543 0.543 ation Range:	ug/L ug/L 	1
09/27/94 09/27/94 09/28/94  Meth Analy	BLK944201 BLK944201 Total Number of Black Total Number above	MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics	ND ND Concentr	0.543 0.543 ation Range:	ug/L ug/L 	1
09/27/94 09/27/94 09/28/94  Meth Analy	BLK944201 BLK944201 Total Number of Black Total Number above  Dod : SW8270 - Semive  Total Butylbenzylphtics	MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics	ND ND Concentr	0.543 0.543 ation Range: Detection Limit	ug/L ug/L NC = 0.698	1 1
9/27/94 99/27/94 99/28/94 Metho Analy Type of Blan	BLK944201 BLK944201 Total Number of Blactor   Total Number above  od : SW8270 - Semivate : Butylbenzylphtlink : Method Blank	MSMSD140927080202 MSMSD140928081901 anks = 8 Detection Limit = 0 Datile Organics halate	ND ND Concentr Maximum	0.543 0.543 	ug/L ug/L NC = 0.698	1
Methor Analy: 9/21/94	BLK944201 BLK944201 Total Number of Black Total Number above  Dod : SW8270 - Semivor  Total Butylbenzylphtick BLK943961	MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics halate  MSMSD140921080601	ND ND Concentr Maximum ND ND	0.543 0.543 	ug/L ug/L NC = 0.698 ug/L	1 1
Methor Analy: 9/21/94 9/21/94 9/22/94	BLK944201 BLK944201 Total Number of Black Total Number above  Dod: SW8270 - Semivor  Total Sutylbenzylphtenk: Method Blank  BLK943961 BLK944071	MSMSD140927080202 MSMSD140928081901 	ND ND Concentr Maximum	0.543 0.543 	ug/L ug/L NC = 0.698 ug/L ug/L	1 1 1 1 1
Methor Analy:  9/21/94  9/21/94  9/21/94  9/22/94  9/26/94	BLK944201 BLK944201 Total Number of Black Total Number above  Dod: SW8270 - Semivor te: Butylbenzylphtl nk: Method Blank BLK943961 BLK944071 BLK944096	MSMSD140927080202 MSMSD140928081901 	ND ND Concentr Maximum ND ND ND	0.543 0.543 	ug/L ug/L NC = 0.698 ug/L ug/L ug/L ug/L	1 1 1 1 1
Methor Analy: 9/22/94 9/21/94 9/22/94 9/22/94 9/27/94	BLK944201 BLK944201 Total Number of Black Total Number above  Decid: SW8270 - Semive Total Sutylbenzylphtick: Method Blank BLK943961 BLK944071 BLK944096 BLK944139	MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND	0.543 0.543 	ug/L ug/L 	1 1 1 1 1 1
Methor Analy:  19/21/94 19/21/94 19/21/94 19/22/94 19/22/94 19/27/94 19/27/94	BLK944201 BLK944201 Total Number of Blactor Sw8270 - Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semivor Semipor S	MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND	0.543 0.543 	ug/L ug/L  NC = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
09/27/94 09/27/94 09/28/94  Metho Analy	BLK944201 BLK944201 Total Number of Blactor Sw8270 - Semivor Semivor Semivor Semivor Sw8270 - Semivor Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivor Sw8270 - Semivo	MSMSD140927080202 MSMSD140928081901  manks = 8 Detection Limit = 0  Datile Organics malate  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND	0.543 0.543 	ug/L ug/L  NC = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1
Methor Analy: 9/21/94 9/21/94 9/21/94 9/21/94 9/22/94 9/27/94 9/27/94 9/27/94	BLK944201 BLK944201 Total Number of Blance Decide: SW8270 - Semive Total Number above Decide: Butylbenzylphtlink: Method Blank BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 BLK944165 BLK944201	MSMSD140927080202 MSMSD140928081901  manks = 8  Detection Limit = 0  Datile Organics malate  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.543 0.543 	ug/L ug/L  NC = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Methor Analy: 9/21/94 9/21/94 9/21/94 9/21/94 9/22/94 9/27/94 9/27/94 9/27/94	BLK944201 BLK944201 Total Number of Blactor Number above  Dod: SW8270 - Semivor Number above  Dod: SW8	MSMSD140927080202 MSMSD140928081901  manks = 8  Detection Limit = 0  Datile Organics malate  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.543 0.543 	ug/L ug/L  NC = 0.698  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1

BULLVIER	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	od : SW8270 - Semivo	olatile Organics				
-	te : Chrysene					
ype of Bla	nk : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	`0.737	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.618	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.729	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.618	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.729	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.737	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	1.00	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	1.00	ug/L	1
	Total Number of Bla	anks = 8	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	1.00	
11/21/04	BLK943961	MSMSD140921080601	ND	0.673	ug/L	1
	BLK944071	MSMSD240921075701	ND	0.646	ug/L	1
9/21/94	BLK944071 BLK944096	MSMSD240921075701 MSMSD240922082701	ND ND	0.646 0.798	ug/L ug/L	1
9/21/94 9/22/94						
99/21/94 99/22/94 99/26/94	BLK944096	MSMSD240922082701	ND	0.798	ug/L	1
09/21/94 09/22/94 09/26/94 09/27/94	BLK944096 BLK944139	MSMSD240922082701 MSMSD140926083300	ND ND	0.798 0.673 0.798 0.520	ug/L ug/L ug/L ug/L	1 1
99/21/94 99/22/94 99/26/94 99/27/94	BLK944096 BLK944139 BLK944149	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202	ND ND ND	0.798 0.673 0.798 0.520 0.646	ug/L ug/L ug/L ug/L ug/L	1 1 1
99/21/94 99/22/94 99/26/94 99/27/94 99/27/94	BLK944096 BLK944139 BLK944149 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202	ND ND ND ND	0.798 0.673 0.798 0.520	ug/L ug/L ug/L ug/L	1 1 1
99/21/94 99/22/94 99/26/94 99/27/94 99/27/94	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
99/21/94 99/22/94 99/26/94 99/27/94 99/27/94	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 19/22/94 19/26/94 19/27/94 19/27/94 19/27/94 19/28/94 19/28/94	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 19/22/94 19/26/94 19/27/94 19/27/94 19/27/94 19/28/94  Methor Analy Type of Blas	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above od : SW8270 - Semivote : Dibenz(a,h)anth	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Blai	BLK944096 BLK944139 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Dibenz(a,h)anth nk : Method Blank	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080201 MSMSD240927080201 MSMSD140928081901  Inks = 8 Detection Limit = 0	ND ND ND ND ND Concentr Maximum	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L ug/L OC.798	1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Dibenz(a,h)anth nk : Method Blank  BLK943961	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0  Platile Organics Aracene  MSMSD140921080601	ND ND ND ND ND Concentr Maximum	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L ug/L O.798	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above od : SW8270 - Semivo te : Dibenz(a,h)anth nk : Method Blank BLK943961 BLK944071	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0  Matile Organics Aracene  MSMSD140921080601 MSMSD240921075701	ND ND ND ND Concentr Maximum ND	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L O.798	1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 9/28/94 9/21/94 9/21/94 9/22/94 9/26/94	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above od : SW8270 - Semivo te : Dibenz(a,h)anth nk : Method Blank  BLK943961 BLK944071 BLK944096	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND ND ND ND Concentr Maximum ND ND	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L O.798	1 1 1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/28/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/26/94 9/27/94	BLK944096 BLK944139 BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Dibenz(a,h)anth nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND ND ND ND Concentr Maximum  ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L  NC 0.798	1 1 1 1 1 1 1 1
Meth Analy 19/21/94 19/27/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/27/94	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivo te : Dibenz(a,h)anth nk : Method Blank  BLK944961 BLK944096 BLK944139 BLK944149	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  Inks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L  NC 0.798	1 1 1 1 1 1 1 1 1 1
Meth Analy 19/21/94 19/27/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/27/94 19/27/94	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901  Anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD240921075701 MSMSD240921075701 MSMSD24092082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L  NC 0.798  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1 1
Analy	BLK944096 BLK944139 BLK944149 BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semivo te : Dibenz(a,h)anth nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901  MSMSD140928081901  MSMSD140921080601 MSMSD240921075701 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.798 0.673 0.798 0.520 0.646 0:520 	ug/L ug/L ug/L ug/L ug/L  NC 0.798  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1 1

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	nod : SW8270 - Semiv	olatile Organics				
Analy	/te : Dibenzofuran					
ype of Bla	ank : Method Blank					
9/21/94	BLK944071	MSMSD240921075701	ND	0.608	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND	0.535	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.556	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.535	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.556	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.608	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.559	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.559	ug/L	1
	Total Number of Bl	anks = 8	Concent	 ration Range:	NC	
	Total Number above Detection Limit = 0			Detection Limit =	- 0.608	
101 101	BLK944071	MSMSD240921075701	ND	0.475	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND	0.343	ug/L	1
9/21/94 9/22/94	BLK944096	MSMSD240922082701	ND	0.582	ug/L	1
9/21/94 9/22/94 9/26/94	BLK944096 BLK944139	MSMSD240922082701 MSMSD140926083300	ND ND	0.582 0.343	ug/L ug/L	1 1
9/21/94 9/22/94 9/26/94 9/27/94	BLK944096 BLK944139 BLK944165	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201	ND ND ND	0.582 0.343 0.475	ug/L ug/L ug/L	1 1 1
9/21/94 9/22/94 9/26/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202	ND ND ND ND	0.582 0.343 0.475 0.582	ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202	ND ND ND ND ND	0.582 0.343 0.475 0.582 0.499	ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202	ND ND ND ND	0.582 0.343 0.475 0.582	ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.582 0.343 0.475 0.582 0.499 0.499	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.582 0.343 0.475 0.582 0.499 0.499	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.582 0.343 0.475 0.582 0.499 0.499	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Bla	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.582 0.343 0.475 0.582 0.499 0.499	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.582 0.343 0.475 0.582 0.499 0.499	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
8/21/94 8/22/94 8/26/94 8/27/94 8/27/94 8/27/94 8/28/94 	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Blatant Number above	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND	0.582 0.343 0.475 0.582 0.499 0.499	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Meth Analy pe of Bla	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blace of Sw8270 - Semiver to the Diethylphthalatink : Method Blank BLK943961 BLK944071	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND Concent Maximum	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L ug/L SOCO	1 1 1 1 1 1
Meth Analy ppe of Bla	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Blace of SW8270 - Semiver to the Diethylphthalar of the SW844961	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND ND ND ND ND ND MD ND ND Maximum	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
Meth Analy ppe of Bla /22/94 /27/94 /27/94 /27/94 /21/94 /21/94 /22/94 /26/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blace of Sw8270 - Semiver to the Diethylphthalatink : Method Blank BLK943961 BLK944071	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics te  MSMSD140921080601 MSMSD240921075701	ND ND ND ND ND ND Concent Maximum	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L  NC 0.582	1 1 1 1 1 1
Meth Analy 221/94 8/22/94 8/27/94 8/27/94 8/28/94 8/21/94 8/21/94 8/22/94 8/22/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201  Total Number of Blace of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf of Swarf o	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND ND ND ND ND ND Concent Maximum ND ND	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L  NC 0.582  ug/L ug/L ug/L	1 1 1 1 1 1
Meth Analy P/21/94 B/27/94 B/27/94 B/28/94 Meth Analy Pe of Bla B/21/94 B/22/94 B/22/94 B/26/94 B/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201  Total Number of Blance Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  Total Number above  BLK944071 BLK944096 BLK944139	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  manks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L  NC 0.582  ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1
Meth Analy Ape of Bla B/21/94 B/27/94 B/27/94 B/28/94 B/21/94 B/21/94 B/22/94 B/27/94 B/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Blace of SW8270 - Semiver of English of the control of SW8270 - Semiver of English of the control of SW8270 - Semiver of English of the control of SW8270 - Semiver of English of the control of SW8270 - Semiver of English of SW8270 - Semiver of English of SW8270 - Semiver of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics te  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1
Meth Analy Ape of Bla B/21/94 B/27/94 B/27/94 B/28/94 B/21/94 B/21/94 B/22/94 B/27/94 B/27/94	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blance of SW8270 - Semiver of English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the English of the Engli	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD140921080601 MSMSD240921075701 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080201	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L  ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1
Analy	BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201 Total Number of Blace of Sw8270 - Semiver of English of Sw8270 - Semiver of English of Sw8270 - Semiver of English of Sw8270 - Semiver of English of Sw8270 - Semiver of English of Sw8270 - Semiver of English of Sw8270 - Semiver of English of Sw8270 - Semiver of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English of English	MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics te  MSMSD140921080601 MSMSD240921075701 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080202 MSMSD240927080202 MSMSD240927080202 MSMSD240927080202 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.582 0.343 0.475 0.582 0.499 0.499 	ug/L ug/L ug/L ug/L ug/L  ug/L  ug/L ug/L	1 1 1 1 1 1 1 1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	od : S <b>W</b> 8270 - Semive	olatile Organics				
Analy	te : Dimethylphthala	ate				
Type of Bla	nk : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	0.405	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.444	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.398	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.444	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.405	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.398	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.452	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.452	ug/L	1
	Total Number of Bla	anks = 8	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.452	
	od : SW8270 - Semivo	olatile Organics				
	te : Diphenylamine nk : Method Blank					
<b>5</b> (						
9/21/94	BLK944071	MSMSD240921075701	ND	0.649	ug/L	1
9/21/94	BLK943961	MSMSD140921080601	ND	0.658	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.926	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.658	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.908	ug/L	1
	BLK944165	MSMSD240927080201	ND	0.649	ug/L	1
19/27/94	BLK944149	MSMSD240927080202	ND	0.926	ug/L	1
-			MD	0.908	ug/L	•
9/27/94	BLK944201	MSMSD140928081901	ND			1 
9/27/94	Total Number of Bla	anks = 8	 Concentr	ation Range:	NC NC	
09/27/94 09/27/94 09/28/94 	Total Number of Bla		 Concentr		NC NC	1 
99/27/94 19/28/94	Total Number of Bla	anks = 8 Detection Limit = 0	 Concentr	ation Range:	NC NC	1
09/27/94 09/28/94  Meth	Total Number of Bla Total Number above	anks = 8 Detection Limit = 0	 Concentr	ation Range:	NC NC	1
09/27/94 09/28/94 Meth Analy	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene	anks = 8 Detection Limit = 0	 Concentr	ation Range:	NC NC	1
99/27/94 19/28/94 Meth Analy	Total Number of Bla Total Number above	anks = 8 Detection Limit = 0	 Concentr	ation Range:	NC NC	1
Meth Analy ype of Bla	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene	anks = 8  Detection Limit = 0  Datile Organics  MSMSD240921075701	Concentr Maximum	ation Range: Detection Limit	NC = 0.926 ug/L	1
9/27/94 9/28/94  Meth Analy ype of Bla	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene nk : Method Blank	anks = 8  Detection Limit = 0  Datile Organics	Concentr Maximum	ation Range: Detection Limit	NC = 0.926	
9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene nk : Method Blank BŁK944071	anks = 8  Detection Limit = 0  Datile Organics  MSMSD240921075701	Concentr Maximum	ation Range: Detection Limit	NC = 0.926 ug/L	1
9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene nk : Method Blank BLK944071 BLK943961	manks = 8  Detection Limit = 0  Datile Organics  MSMSD240921075701  MSMSD140921080601	Concentr Maximum ND ND	ation Range: Detection Limit  0.672 0.686	NC = 0.926 ug/L ug/L	1
Meth Analy Type of Bla 19/21/94 19/21/94 19/22/94 19/26/94	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene nk : Method Blank BLK944071 BLK943961 BLK944096	MSMSD240921080601 MSMSD240922082701	Concentr Maximum ND ND ND	ation Range: Detection Limit  0.672 0.686 0.627	NC = 0.926 ug/L ug/L ug/L	1 1 1
Meth Analy ype of Bla 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene nk : Method Blank BLK944071 BLK943961 BLK944096 BLK944139	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	Concentr Maximum ND ND ND ND	0.672 0.686 0.686	NC = 0.926 ug/L ug/L ug/L ug/L	1 1 1 1
Meth Analy Type of Bla 09/21/94 09/21/94 09/22/94 09/26/94 09/27/94	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene nk : Method Blank BLK944071 BLK943961 BLK944096 BLK944139 BLK944165	MSMSD240921075701 MSMSD240921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201	Concentr Maximum ND ND ND ND ND	0.672 0.686 0.686 0.686 0.686	NC = 0.926 ug/L ug/L ug/L ug/L ug/L	1 1 1 1
Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/22/94 9/27/94 9/27/94 9/27/94	Total Number of Bla Total Number above  od : SW8270 - Semivo te : Fluoranthene nk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944165 BLK944201	MSMSD240921075701 MSMSD240921080601 MSMSD140921080601 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202	Concentr Maximum ND ND ND ND ND ND	0.672 0.686 0.627 0.686 0.672 0.595	NC = 0.926 ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/27/94 09/28/94  Meth Analy	Total Number of Bla Total Number above od : SW8270 - Semivo te : Fluoranthene nk : Method Blank BLK944071 BLK943961 BLK944096 BLK944139 BLK944165 BLK944165 BLK944201 BLK944149	MSMSD240921075701 MSMSD240921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD240927080202 MSMSD140928081901	Concentr Maximum ND ND ND ND ND ND ND	0.672 0.686 0.627 0.686 0.672 0.595 0.627	NC = 0.926 ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	nod : SW8270 - Semivo	olatile Organics				
Analy	te : Fluorene					
Type of Bla	ank : Method Blank					
09/21/94	BLK943961	MSMSD140921080601	ND	0.635	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.710	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.520	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.635	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.710	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.520	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.463	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.463	ug/L	1
	Total Number of Bla	anks = 8	Concent	ration Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.710	
)9/21/94 )9/21/94	BLK943961 BLK944071	MSMSD140921080601 MSMSD240921075701	ND ND	1.51 0.537	ug/L ug/L	1 1
09/21/94					_	_
09/22/94	BLK944096	MSMSD240922082701	ND	0.705	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	1.51	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.705	ug/L	1
13/21/34	BLK944201	MSMSD140927080202	ND	0.556	ug/L	1
	D2110 1 1201				/ 1	
9/27/94	BLK944165	MSMSD240927080201	ND	0.537	ug/L	1
09/27/94 09/27/94		MSMSD240927080201 MSMSD140928081901	ND ND	0.556	ug/L ug/L	1 1
09/27/94 09/27/94	BLK944165	MSMSD140928081901	ND  Concent	0.556  ration Range:	ug/L  NC	
09/27/94 09/27/94 09/27/94 09/28/94	BLK944165 BLK944201 Total Number of Bla	MSMSD140928081901	ND  Concent	0.556	ug/L  NC	
09/27/94 09/27/94 09/28/94	BLK944165 BLK944201 Total Number of Bla Total Number above	MSMSD140928081901 anks = 8 Detection Limit = 0	ND  Concent	0.556  ration Range:	ug/L  NC	
09/27/94 09/27/94 09/28/94 	BLK944165 BLK944201 Total Number of Bla Total Number above	MSMSD140928081901  anks = 8  Detection Limit = 0  platile Organics	ND  Concent	0.556  ration Range:	ug/L  NC	
09/27/94 09/27/94 09/28/94  Meth Analy	BLK944165 BLK944201 Total Number of Bla Total Number above	MSMSD140928081901  anks = 8  Detection Limit = 0  platile Organics	ND  Concent	0.556  ration Range:	ug/L  NC	
09/27/94 09/27/94 09/28/94  Meth Analy	BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : Hexachlorobutae nk : Method Blank	MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics diene	ND Concent Maximum	0.556  ration Range: Detection Limit =	ug/L NC 1.51	1
09/27/94 09/27/94 09/28/94 Meth Analy Type of Bla	BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semiver te : Hexachlorobutae	MSMSD140928081901  anks = 8  Detection Limit = 0  platile Organics	ND  Concent	0.556  ration Range:  Detection Limit =	ug/L NC 1.51	1
Meth Analy 19/21/94 9/28/94  Meth Analy 19pe of Bla 9/21/94	BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semiver te : Hexachlorobutae nk : Method Blank  BLK943961	MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics diene  MSMSD140921080601	ND Concent Maximum ND	0.556  ration Range: Detection Limit =	ug/L NC 1.51 ug/L ug/L	1
Meth Analy 19/21/94 9/28/94 Meth Analy 19/20/94 19/21/94 19/21/94	BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semivor te : Hexachlorobutaonk : Method Blank  BLK943961 BLK944071	MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics diene  MSMSD140921080601 MSMSD240921075701	ND Concent Maximum ND ND	0.556 ration Range: Detection Limit =  0.983 0.714	ug/L NC 1.51  ug/L ug/L ug/L	1 1 1 1
Meth Analy 19/21/94 19/28/94 Meth Analy Type of Bla 19/21/94 19/22/94 19/26/94	BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semive re : Hexachlorobutae nk : Method Blank  BLK943961 BLK944071 BLK944096	MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics diene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND Concent Maximum ND ND ND	0.556 ration Range: Detection Limit =  0.983 0.714 0.737	ug/L  NC 1.51  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1
Meth Analy 19/21/94 19/21/94 19/21/94 19/22/94 19/22/94 19/27/94	BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semivo te : Hexachlorobuta nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139	MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics diene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300	ND Concent Maximum  ND ND ND ND ND ND	0.556	ug/L  NC 1.51  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1
Meth Analy 19/21/94 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94 19/27/94	BLK944165 BLK944201  Total Number of Bla Total Number above  and: SW8270 - Semivo te: Hexachlorobuta ink: Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149	MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics diene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202	ND Concent Maximum  ND ND ND ND ND ND ND ND ND	0.556	ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1
Meth Analy 19/21/94 19/28/94 19/28/94 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94 19/27/94	BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semivo te : Hexachlorobutad nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165	MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics diene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080202 MSMSD240927080201	ND Concent Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.556	ug/L  NC 1.51  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1
09/27/94 09/27/94 09/28/94  Meth Analy	BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semive rte : Hexachlorobutae rnk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165 BLK944165 BLK944201	MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics diene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202	ND Concent Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.556	ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1 1

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
ANALIZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	od : SW8270 - Semiv	olatile Organics				
Analy	te : Hexachlorocycl	opentadiene				
Type of Bla	nk : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	1.98	ug/L	. 1
09/21/94	BLK943961	MSMSD140921080601	ND	0.850	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	, ND	2.13	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.850	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	1.20	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	2.13	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	1.98	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	1.20	ug/L	1
.=======	Total Number of Bla	anks = 8	Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 2.13	
09/21/94	BLK943961	MSMSD140921080601	ND	5.56	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	1.79	ug/L	1
	BLK944096	MSMSD240922082701	ND	0.843	ug/L	1
9/22/94		NCHCD1 4000C003300	ND	5.56	ug/L	1
-	BLK944139	MSMSD140926083300	NO		•	<del>-</del>
9/26/94	BLK944139 BLK944149	MSMSD240927080202	ND	0.843	ug/L	1
09/26/94 09/27/94					ug/L ug/L	
9/26/94 9/27/94 9/27/94	BLK944149	MSMSD240927080202	ND	0.843	ug/L ug/L ug/L	1
9/26/94 9/27/94 9/27/94 9/27/94	BLK944149 BLK944201	MSMSD240927080202 MSMSD140927080202	ND ND	0.843 0.557	ug/L ug/L	1 1
9/26/94 9/27/94 9/27/94 9/27/94	BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901 	ND ND ND ND Concentr	0.843 0.557 1.79 0.557 	ug/L ug/L ug/L ug/L NC	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94	BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND Concentr	0.843 0.557 1.79 0.557	ug/L ug/L ug/L ug/L NC	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901 	ND ND ND ND Concentr	0.843 0.557 1.79 0.557 	ug/L ug/L ug/L ug/L NC	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944149 BLK944201 BLK944201 Total Number of Bla	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND Concentr	0.843 0.557 1.79 0.557 	ug/L ug/L ug/L ug/L NC	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94  Meth Analy	BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND Concentr	0.843 0.557 1.79 0.557 	ug/L ug/L ug/L ug/L NC	1 1 1
09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy	BLK944149 BLK944201 BLK944201 Total Number of Blactor Number above od : SW8270 - Semivete : Indeno(1,2,3-ca	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND ND Concentr	0.843 0.557 1.79 0.557 	ug/L ug/L ug/L ug/L NC	1 1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : Indeno(1,2,3-cank : Method Blank	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0 Datile Organics d)pyrene  MSMSD140921080601 MSMSD240921075701	ND ND ND ND  Concentr Maximum	0.843 0.557 1.79 0.557 Pation Range: Detection Limit	ug/L ug/L ug/L solution ug/L ug/L ug/L ug/L	1 1 1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944149 BLK944201 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : Indeno(1,2,3-cank : Method Blank	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901  anks = 8 Detection Limit = 0 Datile Organics d)pyrene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701	ND ND ND Concentr Maximum	0.843 0.557 1.79 0.557 Pation Range: Detection Limit  0.534 0.763 0.531	ug/L ug/L ug/L ug/L = 5.56	1 1 1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94	BLK944149 BLK944201 BLK944201 Total Number of Blate Total Number above  od : SW8270 - Semive te : Indeno(1,2,3-cank : Method Blank  BLK943961 BLK944071	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND Concentr Maximum  ND ND ND ND ND ND	0.843 0.557 1.79 0.557 Pation Range: Detection Limit 0.534 0.763 0.531 0.534	ug/L ug/L ug/L  TOTAL  Ug/L  Ug/L  Ug/L  Ug/L  Ug/L  Ug/L  Ug/L	1 1 1 1
9/26/94 19/27/94 19/27/94 19/27/94 19/28/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94	BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Blank od: SW8270 - Semivate: Indeno(1,2,3-cank: Method Blank BLK943961 BLK944071 BLK944096	MSMSD240927080202 MSMSD140927080202 MSMSD240927080201 MSMSD140928081901	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND	0.843 0.557 1.79 0.557 Teation Range: Detection Limit  0.534 0.763 0.531 0.534 0.531	ug/L ug/L ug/L  NC = 5.56  ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1
Meth Analy 19/21/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/27/94 19/27/94	BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : Indeno(1,2,3-ce nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944149 BLK944201	MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND	0.843 0.557 1.79 0.557 Tation Range: Detection Limit  0.534 0.763 0.531 0.534 0.531 0.891	ug/L ug/L ug/L  NC = 5.56  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1
Meth Analy 19/21/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94 19/27/94	BLK944149 BLK944201 BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semive te : Indeno(1,2,3-ce nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165	MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.843 0.557 1.79 0.557 Tation Range: Detection Limit  0.534 0.763 0.531 0.534 0.531 0.891 0.763	ug/L ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1 1 1 1
9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944149 BLK944201 BLK944165 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : Indeno(1,2,3-ce nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944149 BLK944201	MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901	ND ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND	0.843 0.557 1.79 0.557 Tation Range: Detection Limit  0.534 0.763 0.531 0.534 0.531 0.891	ug/L ug/L ug/L  NC = 5.56  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1
Analy	BLK944149 BLK944201 BLK944165 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semive te : Indeno(1,2,3-ce nk : Method Blank  BLK943961 BLK944071 BLK944096 BLK944139 BLK944149 BLK944165	MSMSD240927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901  Anks = 8 Detection Limit = 0 Datile Organics d)pyrene  MSMSD140921080601 MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD140927080202 MSMSD140927080201 MSMSD140928081901	ND ND Concentr Maximum  ND ND ND ND ND ND ND ND ND ND ND ND ND	0.843 0.557 1.79 0.557 Tation Range: Detection Limit  0.534 0.763 0.531 0.534 0.531 0.891 0.763	ug/L ug/L ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L  ug/L	1 1 1 1 1 1 1 1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8270 - Semiv	olatile Organics				
	te : Isophorone	S .				
	nk : Method Blank					
09/21/94	BLK943961	MSMSD140921080601	ND	0.548	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.340	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.765	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.548	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.765	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.340	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.326	ug/L	1
9/28/94 	BLK944201	MSMSD140928081901	ND	0.326	ug/L	1
	Total Number of Bl		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.765	
	BLK943961 BLK944071	MSMSD140921080601 MSMSD240921075701	ND ND	0.804 0.567	ug/L ug/L	1
09/21/94 09/22/94 09/26/94 09/27/94					ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202	ND ND ND	0.567 0.431 0.804 0.567 0.431	ug/L ug/L ug/L	1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202	ND ND ND ND	0.567 0.431 0.804 0.567 0.431 0.622	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202	ND ND ND ND ND	0.567 0.431 0.804 0.567 0.431	ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	0.567 0.431 0.804 0.567 0.431 0.622	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND Concentr	0.567 0.431 0.804 0.567 0.431 0.622 0.622	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 BLK944201	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8  Detection Limit = 0	ND ND ND ND ND ND ND Concentr	0.567 0.431 0.804 0.567 0.431 0.622 0.622	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8  Detection Limit = 0	ND ND ND ND ND ND ND Concentr	0.567 0.431 0.804 0.567 0.431 0.622 0.622	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK944071 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8  Detection Limit = 0	ND ND ND ND ND ND ND Concentr	0.567 0.431 0.804 0.567 0.431 0.622 0.622	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
99/21/94 99/22/94 99/26/94 99/27/94 99/27/94 99/28/94  Meth Analy ype of Bla	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8  Detection Limit = 0	ND ND ND ND ND ND ND Concentr	0.567 0.431 0.804 0.567 0.431 0.622 0.622	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above  Dod : SW8270 - Semive te : Naphthalene nk : Method Blank	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0	ND ND ND ND ND ND ND MD MD	0.567 0.431 0.804 0.567 0.431 0.622 0.622	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above  Dd : SW8270 - Semive te : Naphthalene nk : Method Blank  BLK944071	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics  MSMSD240921075701	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.567 0.431 0.804 0.567 0.431 0.622 0.622 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/22/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above  Dod : SW8270 - Semivo te : Naphthalene nk : Method Blank  BLK944071 BLK943961	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.567 0.431 0.804 0.567 0.431 0.622 0.622 Tation Range: Detection Limit =	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/26/94 9/27/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Blater of	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140927080202 MSMSD140928081901  Anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.567 0.431 0.804 0.567 0.431 0.622 0.622 Pation Range: Detection Limit =	ug/L ug/L ug/L ug/L ug/L ug/L Ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/27/94 9/27/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above  Dod: SW8270 - Semive te: Naphthalene nk: Method Blank  BLK944071 BLK944071 BLK944096 BLK944139 BLK944139 BLK944165	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140927080201	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.567 0.431 0.804 0.567 0.431 0.622 0.622 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1
Meth Analy 19/21/94 19/27/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/22/94 19/27/94 19/27/94 19/27/94 19/27/94	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above  Dod : SW8270 - Semive te : Naphthalene nk : Method Blank  BLK944071 BLK944096 BLK944139 BLK944139 BLK944165 BLK944149	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD140927080202 MSMSD240927080201 MSMSD240927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.567 0.431 0.804 0.567 0.431 0.622 0.622 0.622 Tation Range: Detection Limit =	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1
Meth Analy ype of Bla 9/22/94 99/27/94 99/27/94 99/28/94 	BLK944071 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201 Total Number of Bla Total Number above  Dod: SW8270 - Semive te: Naphthalene nk: Method Blank  BLK944071 BLK944071 BLK944096 BLK944139 BLK944139 BLK944165	MSMSD240921075701 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD240927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140927080201	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.567 0.431 0.804 0.567 0.431 0.622 0.622 2.22 Tation Range: Detection Limit =	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1

DATE	SAMPLE	BATCH	5 F A =	DETECTION	1111770	DILUTION
ANALYZED	ID 	ID 	RESULT	LIMIT	UNITS	FACTOR
	nod : SW8270 - Semiv	olatile Organics				
_	te : Nitrobenzene					
Type of Bla	ank : Method Blank	•				
09/21/94	BLK944071	MSMSD240921075701	ND	0.544	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND	0.841	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	1.14	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.841	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.14	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.443	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.544	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.443	ug/L	1
	Total Number of Bl	anks = 8	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit	= 1.14	
				•		
9/21/94	nk : Method Blank BLK944071	MSMSD240921075701	ND	0.486	ug/L	1
)9/21/94 )9/21/94	BLK943961	MSMSD140921080601	ND	0.648	ug/L ug/L	1
09/21/94	BLK944096	MSMSD240922082701	ND	1.06	ug/L ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.648	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	1.06	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.486	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.961	ug/L	1
09/28/94	BLK944201	MSMSD140928081901	ND	0.961	ug/L	1
	Total Number of Bl			ration Range:	NC - 1.06	
	iotal Number above	Detection Limit = 0	maximum	Detection Limit	= 1.06	
Meth	od : SW8270 - Semiv	olatile Organics				
	te : Phenanthrene	-				
_	nk : Method Blank					
09/21/94	BLK943961	MSMSD140921080601	ND	0.634	ug/L	1
09/21/94	BLK944071	MSMSD240921075701	ND	0.617	ug/L	1
09/22/94	BLK944096	MSMSD240922082701	ND	0.814	ug/L	1
09/26/94	BLK944139	MSMSD140926083300	ND	0.634	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.814	ug/L	1
09/27/94	BLK944201	MSMSD140927080202	ND	0.666	ug/L	1
09/27/94	BLK944165	MSMSD240927080201	ND	0.617	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.666	ug/L	1
	Total Number of Bla	anks = 8	Concent	ration Range:	NC	
		Detection Limit = 0		Detection Limit		
	iotal Hambel above	December Elimit - 0	naximum	Detection Limit	0.014	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 		RESULT	LIMIT	UNITS	FACTOR
	nod : SW8270 - Semiv	olatile Organics				
_	rte : Phenol ink : Method Blank					
JPC 01 010	TIR . HEERIOG BIGHT	·				
9/21/94	BLK943961	MSMSD140921080601	ND	0.707	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.429	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.333	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.707	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.429	ug/L	1
9/27/94	BLK944149	MSMSD240927080202	ND	0.333	ug/L	1
9/27/94	BLK944201	MSMSD140927080202	ND	0.376	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.376	ug/L	1
	Total Number of Bla	anks = 8	Concent	ration Range:	NC NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.707	
	od : SW8270 - Semivo	olatile Organics				
	te : Pyrene nk : Method Blank					
уре от вта	nk : Method Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	0.814	ug/L	1
9/21/94	BLK944071	MSMSD240921075701	ND	0.798	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.446	ug/L	1
726/94	BLK944139	MSMSD140926083300	ND	0.814	ug/L	1
/27/94	BLK944149	MSMSD240927080202	ND	0.446	ug/L	1
7/27/94	BLK944201	MSMSD140927080202	ND	0.714	ug/L	1
7/27/94	BLK944165	MSMSD240927080201	ND	0.798	ug/L	1
/28/94	BLK944201	MSMSD140928081901	ND	0.714	ug/L	1
	Total Number of Bla	nks = 8	Concentr	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.814	
				2	·	
	od : SW8270 - Semiva					
-	te : bis(2-Chloroeth	oxy)methane				
pe of Blar	nk : Method Blank					
/21/94	BLK944071	MSMSD240921075701	ND	0.546	ug/L	1
/21/94	BLK943961	MSMSD140921080601	ND	0.673	ug/L ug/L	1
/22/94	BLK944096	MSMSD240922082701	ND	0.838	ug/L ug/L	1
/26/94	BLK944139	MSMSD140926083300	ND	0.673	ug/L	1
/27/94	BLK944165	MSMSD240927080201	ND	0.546	ug/L	1
/27/94	BLK944201	MSMSD140927080202	ND	0.638	ug/L	1
/27/94	BLK944149	MSMSD240927080202	ND	0.838	ug/L	1
/28/94	BLK944201	MSMSD140928081901	ND	0.638	ug/L	1
	Total Number of Bla	 nke = 8	 	ation Range:	NC	
		usa = D	Loncentr	ALLOD MANAGE		

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Meth	od : SW8270 - Semiv	olatile Organics				
_	te : bis(2-Chloroet	hyl)ether				
Type of Bla	nk : Method Blank					
09/21/94	BLK944071	MSMSD240921075701	ND	0.595	ug/L	1
09/21/94	BLK943961	MSMSD140921080601	ND .	0.670	ug/L	1
9/22/94	BLK944096	MSMSD240922082701	ND	0.924	ug/L	1
9/26/94	BLK944139	MSMSD140926083300	ND	0.670	ug/L	1
9/27/94	BLK944165	MSMSD240927080201	ND	0.595	ug/L	1
09/27/94	BLK944149	MSMSD240927080202	ND	0.924	ug/L	1
19/27/94	BLK944201	MSMSD140927080202	ND	0.492	ug/L	1
9/28/94	BLK944201	MSMSD140928081901	ND	0.492	ug/L	1
	Total Number of Bla	 anks = 8	Concentr	ation Range:	NC	
		Detection Limit = 0		Detection Limit		
	od : SW8270 - Semivo	•				
	te : bis(2-Chlorois	opropyl]ether				
	nk : Method Blank					
ype of Bla						
	BLK944071	MSMSD240921075701	ND	0.555	ug/L	1
9/21/94	BLK944071 BLK943961	MSMSD240921075701 MSMSD140921080601	ND ND	0.555 1.11	ug/L ug/L	1 1
9/21/94					-	
9/21/94 9/21/94 9/22/94	BLK943961	MSMSD140921080601	ND	1.11	ug/L	1
09/21/94 09/21/94 09/22/94 09/26/94	BLK943961 BLK944096	MSMSD140921080601 MSMSD240922082701	ND ND	1.11 1.14	ug/L ug/L	1 1
9/21/94 9/21/94 9/22/94 9/26/94 9/27/94	BLK943961 BLK944096 BLK944139	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300	ND ND ND	1.11 1.14 1.11	ug/L ug/L ug/L	1 1 1
9/21/94 9/21/94 9/22/94 9/22/94 9/26/94 9/27/94	BLK943961 BLK944096 BLK944139 BLK944165	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201	ND ND ND ND	1.11 1.14 1.11 0.555	ug/L ug/L ug/L ug/L	1 1 1
99/21/94 99/21/94 99/22/94 99/26/94 99/27/94 99/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202	ND ND ND ND	1.11 1.14 1.11 0.555 0.447	ug/L ug/L ug/L ug/L ug/L	1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND	1.11 1.14 1.11 0.555 0.447 1.14 0.447	ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
99/21/94 99/21/94 99/22/94 99/26/94 99/27/94 99/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD240927080202 MSMSD140928081901  anks = 8	ND ND ND ND ND ND ND	1.11 1.14 1.11 0.555 0.447 1.14	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND	1.11 1.14 1.11 0.555 0.447 1.14 0.447	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201 Total Number of Bla	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 	ND ND ND ND ND ND ND	1.11 1.14 1.11 0.555 0.447 1.14 0.447	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201 Total Number of Bla Total Number above	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND	1.11 1.14 1.11 0.555 0.447 1.14 0.447	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201 Total Number of Bla	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND	1.11 1.14 1.11 0.555 0.447 1.14 0.447	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/28/94 Meth Analy	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Blace Total Number above  od : SW8270 - Semivate : bis(2-Ethylhexynk : Method Blank	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  platile Organics yl)phthalate	ND ND ND ND ND ND Concentr Maximum	1.11 1.14 1.11 0.555 0.447 1.14 0.447	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1
09/21/94 09/21/94 09/22/94 09/26/94 09/27/94 09/27/94 09/27/94 09/28/94 Meth Analy Type of Bla	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Blate Total Number above  od : SW8270 - Semive te : bis(2-Ethylhex) nk : Method Blank	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics yl)phthalate  MSMSD240921075701	ND ND ND ND ND ND ND ND ND Concentr	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Pation Range: Detection Limit	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9/21/94 9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Blate Total Number above  od : SW8270 - Semive te : bis(2-Ethylhex) nk : Method Blank  BLK944071 BLK943961	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics yl)phthalate  MSMSD240921075701 MSMSD140921080601	ND ND ND ND ND ND ND MAximum	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Pation Range: Detection Limit	ug/L ug/L ug/L ug/L ug/L ug/L ug/L  NC = 1.14	1 1 1 1 1 1
9/21/94 9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Bla Total Number above  od : SW8270 - Semive te : bis(2-Ethylhexy nk : Method Blank  BLK944071 BLK943961 BLK944096	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics y1)phthalate  MSMSD240921075701 MSMSD140921080601 MSMSD240922082701	ND ND ND ND ND ND ND ND ND ND ND ND ND N	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Pation Range: Detection Limit	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1
9/21/94 9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94  Meth Analy ype of Bla 9/21/94 9/21/94 9/22/94 9/26/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201  Total Number of Blactor of SW8270 - Semivor of SW8270 -	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  Anks = 8 Detection Limit = 0  Datile Organics yl)phthalate  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140926083300	ND ND ND ND ND ND ND ND ND ND ND ND ND N	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Tation Range: Detection Limit	ug/L ug/L ug/L ug/L ug/L ug/L ug/L  solution	1 1 1 1 1 1 1 1 1 1
9/21/94 9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944149 BLK944201  Total Number of Bla Total Number above  od : SW8270 - Semivo te : bis(2-Ethylhexynk : Method Blank  BLK944071 BLK943961 BLK944096 BLK944139 BLK944165	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics y1)phthalate  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140926083300 MSMSD240927080201	ND ND ND ND ND ND ND ND ND ND ND ND ND N	1.11 1.14 1.11 0.555 0.447 1.14 0.447 	ug/L ug/L ug/L ug/L ug/L ug/L ug/L  NC = 1.14  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	1 1 1 1 1 1 1 1 1 1
Meth Analy 19/21/94 19/22/94 19/27/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/21/94 19/21/94 19/22/94 19/26/94 19/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Blace of SW8270 - Semive of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the se	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics yl)phthalate  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140927080201 MSMSD140927080201 MSMSD140927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Tation Range: Detection Limit 0.963 0.840 1.49 0.840 0.963 2.68	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1
Meth Analy 19/21/94 19/22/94 19/26/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/27/94 19/27/94 19/27/94 19/27/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics y1)phthalate  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140927080201 MSMSD140927080201 MSMSD140927080202 MSMSD240927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Pation Range: Detection Limit 0.963 0.840 1.49 0.840 0.963 2.68 1.49	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1
9/21/94 9/21/94 9/22/94 9/26/94 9/27/94 9/27/94 9/27/94 9/28/94 	BLK943961 BLK944096 BLK944139 BLK944165 BLK944201 BLK944201 Total Number of Blace of SW8270 - Semive of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the seminary of the se	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Datile Organics yl)phthalate  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD140927080201 MSMSD140927080201 MSMSD140927080202	ND ND ND ND ND ND ND ND ND ND ND ND ND N	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Tation Range: Detection Limit 0.963 0.840 1.49 0.840 0.963 2.68	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1
Meth Analy 19/21/94 9/22/94 19/26/94 19/27/94 19/27/94 19/28/94 19/21/94 19/21/94 19/21/94 19/22/94 19/22/94 19/22/94	BLK943961 BLK944096 BLK944139 BLK944165 BLK944149 BLK944201	MSMSD140921080601 MSMSD240922082701 MSMSD140926083300 MSMSD240927080201 MSMSD140927080202 MSMSD140928081901  anks = 8 Detection Limit = 0  Dlatile Organics yl)phthalate  MSMSD240921075701 MSMSD140921080601 MSMSD140921080601 MSMSD240922082701 MSMSD140927080201 MSMSD140927080202 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	1.11 1.14 1.11 0.555 0.447 1.14 0.447 Pation Range: Detection Limit 0.963 0.840 1.49 0.840 0.963 2.68 1.49	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1

TABLE A-1.1 DETAILED LISTING OF LIQUID BLANKS RESULTS - WATER SAMPLES Galena Airport 1994

DATE SAMPLE		BATCH		DETECTION		
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Met	nod : SW8270 ~ Semivo	olatile Organics				
Anal:	yte : p-Chloroaniline	e				
ype of Bla	ank : Method Blank					
9/21/94	BLK943961	MSMSD140921080601	ND	1.01	ug/L	1
/21/94	BLK944071	MSMSD240921075701	ND	0.898	ug/L	1
/22/94	BLK944096	MSMSD240922082701	ND	0.889	ug/L	1
/26/94	BLK944139	MSMSD140926083300	ND	1.01	ug/L	1
/27/94	BLK944149	MSMSD240927080202	ND	0.889	ug/L	1
1/61/34	BLK944165	MSMSD240927080201	ND	0.898	ug/L	1
	DER344103					
9/27/94 9/27/94 9/27/94	BLK944201	MSMSD140927080202	ND	0.948	ug/L	1

## ATTACHMENT C - APPENDIX B

Table A-1.2

Detailed Listing of Liquid Blanks Results - 1994 Soil Samples

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : AK101 - Gasoline yte : Gasoline Range On ank : Equipment Blank	Range Organics				
0/01/94 0/01/94	G94-DD-SS-03-EB G94-P0-SS-02-EB	58743C01 58743C01		JB) 50.0 J) 50.0	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			tration Range:		11.0
Analy	nod : AK101 - Gasoline yte : Gasoline Range Or ank : Trip Blank					
.0/01/94	G94-TB-09	58743C01	0.00 (	JB) 50.0	ug/L	1
	Total Number of Blank Total Number above De			tration Range: n Detection Limit		0.00
Analy ype of Bla		58743D01		DB) 100	<del>-</del>	1
0/01/94		s = 2		3) 100  cration Range: n Detection Limit		0.00
Analy	nod : SW6010 - Metals yte : Aluminum ank : Equipment Blank					
0/13/94	G94-P0-SS-02-EB	EMJA6141013184501	-0.0147 (	JB) 0.0523	mg/L	1
· <b></b>	Total Number of Blank Total Number above De	s = 1 tection Limit = 0		ration Range:		
Meth	nod : SW6010 - Metals /te : Aluminum					
-	ank : Method Blank					
-	BLK944429	EMJA6141013184501		DB) 0.0523		1

Compiled: 21 March 1995 ND = Not Detected NC = Not Calculable NA = Not Applicable A-1.2-1

* - Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE	BATCH	DECL!! T	DETECTION		DILUTION
	ID	ID	RESULT	LIMIT 	UNITS	FACTOR
Mat	. CUCO10 Natala					
	hod : SW6010 - Metals yte : Antimony					
	ank : Equipment Blank					
10/13/94	G94-P0-SS-02-EB	EMJA6141013184501	0.0246 (3	JB) 0.0760	mg/L	1
	Total Number of Blank Total Number above De			ration Range: n Detection Limit		
Anal	hod : SW6010 - Metals yte : Antimony ank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501	-0.0179 (J	B) 0.0760	mg/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		
Anal	hod : SW6010 - Metals yte : Arsenic ank : Equipment Blank					
0/13/94	G94-P0-SS-02-EB	EMJA6141013184501	-0.0132 (J	B) 0.0468	mg/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		
Analy	hod : SW6010 - Metals yte : Arsenic ank : Method Blank					
0/13/94	BLK944429	EMJA6141013184501	-0.0104 (J	B) 0.0468		
	Total Number of Blank: Total Number above De	s = 1	Concent	ration Range: Detection Limit	-0.0104 -	-0.0104
Analy	nod : SW6010 - Metals /te : Barium					
ype of Bla	ank : Equipment Blank					
0/12/04		EMJA6141013184501			mg/L	1
u/13/94 						

BATCH DETECTION DILUTION DATE SAMPLE ID ID RESULT LIMIT UNITS FACTOR ANALYZED Method: SW6010 - Metals Analyte : Barium Type of Blank : Method Blank 10/13/94 BLK944429 EMJA6141013184501 -0.000440 (JB) 0.000860 mg/L Total Number of Blanks = 1 Concentration Range: -0.000440 - -0.000440 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.000860 Method: SW6010 - Metals Analyte : Beryllium Type of Blank: Equipment Blank 10/13/94 G94-P0-SS-02-EB EMJA6141013184501 0.0000500 (JB) 0.000510 mg/L Total Number of Blanks = 1 Concentration Range: 0.0000500 - 0.0000500 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.000510 Method : SW6010 - Metals Analyte : Beryllium Type of Blank : Method Blank 10/13/94 BLK944429 EMJA6141013184501 0.0000500 (JB) 0.000510 mg/L 1 ______ Total Number of Blanks = 1 Concentration Range: 0.0000500 - 0.0000500 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.000510 Method: SW6010 - Metals Analyte : Cadmium Type of Blank : Equipment Blank 10/13/94 G94-P0-SS-02-EB EMJA6141013184501 0.000220 (JB) 0.00386 mg/L 1 Total Number of Blanks = 1 Concentration Range: 0.000220 - 0.000220 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.00386 Method: SW6010 - Metals Analyte : Cadmium Type of Blank : Method Blank EMJA6141013184501 0.000900 (JB) 0.00386 10/13/94 BLK944429 Total Number of Blanks = 1 Concentration Range: 0.000900 - 0.000900 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.00386

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW6010 ~ Metals yte : Calcium ank : Equipment Blank			-	·	
10/13/94		EMJA6141013184501				1
	Total Number of Blank Total Number above De		Concent	ration Range: Detection Limit	0.0907 -	0.0907
Anal	hod : SW6010 - Metals yte : Calcium ank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501		0.0175	mg/L	1
	Total Number of Blank Total Number above De	s = 1	Concent	ration Range: Detection Limit		
Anal	hod : SW6010 - Metals yte : Chromium ank : Equipment Blank					
L0/13/94 		EMJA6141013184501		B) 0.00524		1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		
Analy	nod : SW6010 - Metals yte : Chromium ank : Method Blank					
.0/13/94	BLK944429	EMJA6141013184501	-0.00464 (J	B) 0.00524	mg/L	1
	Total Number of Blanks Total Number above De			ration Range: Detection Limit		
Analy	nod : SW6010 - Metals /te : Cobalt ank : Equipment Blank					
0/13/94	G94-P0-SS-02-EB	EMJA6141013184501	0.00279 (J	B) 0.00407	mg/L	1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit		

NA = Not Applicable

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DILUTION DETECTION BATCH DATE SAMPLE LIMIT FACTOR RESULT UNITS ANALYZED ID ID ------Method: SW6010 - Metals Analyte : Cobalt Type of Blank : Method Blank -0.00698 (JB) 0.00407 mg/L EMJA6141013184501 10/13/94 BLK944429 Concentration Range: -0.00698 - -0.00698 Total Number of Blanks = 1 Maximum Detection Limit = 0.00407 Total Number above Detection Limit = 0 Method: SW6010 - Metals Analyte : Copper Type of Blank : Equipment Blank EMJA6141013184501 0.00259 (JB) 0.00916 mg/L 10/13/94 G94-P0-SS-02-EB ______ Concentration Range: 0.00259 - 0.00259 Total Number of Blanks = 1 Maximum Detection Limit = 0.00916 Total Number above Detection Limit = 0 Method: SW6010 - Metals Analyte : Copper Type of Blank: Method Blank EMJA6141013184501 -0.000640 (JB) 0.00916 mg/L 1 BLK944429 10/13/94 _____ Concentration Range: -0.000640 - -0.000640 Total Number of Blanks = 1 Maximum Detection Limit = 0.00916 Total Number above Detection Limit = 0 Method: SW6010 - Meta]s Analyte : Iron Type of Blank : Equipment Blank EMJA6141013184501 0.00896 (B) 0.00452 mg/L 1 10/13/94 G94-P0-SS-02-EB Concentration Range: 0.00896 - 0.00896 Total Number of Blanks = 1 Maximum Detection Limit = 0.00452 Total Number above Detection Limit = 1 Method : SW6010 - Metals Analyte : Iron Type of Blank : Method Blank EMJA6141013184501 0.00158 (JB) 0.00452 mg/L 10/13/94 BLK944429 Concentration Range: 0.00158 - 0.00158 Total Number of Blanks = 1 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.00452

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW6010 - Metals yte : Lead ank : Equipment Blank					
10/13/94	G94-P0-SS-02-EB	EMJA6141013184501	-0.00911 (J	B) 0.0216	mg/L	1
	Total Number of Blanks = 1 Total Number above Detection Limit = 0			ration Range:  Detection Limit		-0.00911
Anal	thod : SW6010 - Metals yte : Lead ank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501	-0.0110 (J	B) 0.0216	mg/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		-0.0110
Anal	hod : SW6010 - Metals yte : Magnesium ank : Equipment Blank					
10/13/94	G94-P0-SS-02-EB	EMJA6141013184501	0.00609 (J	B) 0.0479	mg/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		0.00609
Anal	hod : SW6010 - Metals yte : Magnesium ank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501	-0.0142 (J	B) 0.0479	mg/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		-0.0142
Anal	hod : SW6010 - Metals yte : Manganese ank : Equipment Blank					
10/13/94	G94-P0-SS-02-EB	EMJA6141013184501	0.00212 (B	0.00155	mg/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		

DETECTION DILUTION SAMPLE BATCH DATE LIMIT UNITS FACTOR RESULT ID ID ANALYZED ----------_____ Method : SW6010 - Metals Analyte : Manganese Type of Blank: Method Blank EMJA6141013184501 -0.00211 (JB) 0.00155 mg/L 1 10/13/94 BLK944429 Concentration Range: -0.00211 - -0.00211 Total Number of Blanks = 1 Maximum Detection Limit = 0.00155 Total Number above Detection Limit = 0 Method: SW6010 - Metals Analyte : Molybdenum Type of Blank : Equipment Blank -0.00374 (JB) 0.00739 mg/L EMJA6141013184501 10/13/94 G94-P0-SS-02-EB ______ Concentration Range: -0.00374 - -0.00374 Total Number of Blanks = 1 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.00739 Method: SW6010 - Metals Analyte : Molybdenum Type of Blank: Method Blank EMJA6141013184501 -0.00502 (JB) 0.00739 mg/L 10/13/94 BLK944429 Concentration Range: -0.00502 - -0.00502 Total Number of Blanks = 1 Maximum Detection Limit = 0.00739 Total Number above Detection Limit = 0 Method : SW6010 - Metals Analyte : Nickel Type of Blank : Equipment Blank 10/13/94 G94-P0-SS-02-EB EMJA6141013184501 0.0128 (JB) 0.0141 mg/L ______ Concentration Range: 0.0128 - 0.0128 Total Number of Blanks = 1 Maximum Detection Limit = 0.0141 Total Number above Detection Limit = 0 Method: SW6010 - Metals Analyte : Nickel Type of Blank : Method Blank EMJA6141013184501 0.00481 (JB) 0.0141 mg/L 1 10/13/94 BLK944429 Total Number of Blanks = 1 Concentration Range: 0.00481 - 0.00481 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0141

DATE	SAMPLE	ВАТСН		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT 	LIMIT 	UNITS	FACTOR 
Anal	chod : SW6010 - Metals yte : Potassium ank : Equipment Blank					
0/13/94	G94-P0-SS-02-EB	EMJA6141013184501	0.290 (J	B) 0.822	mg/L	1
	Total Number of Blank: Total Number above De	<del>-</del>		ration Range: Detection Limit		0.290
Anal	hod : SW6010 - Metals yte : Potassium ank : Method Blank					
l0/13/94 	BLK944429	EMJA6141013184501	-0.679 (J	B) 0.822	mg/L	1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit		-0.679
Ana1	hod : SW6010 - Metals yte :`Selenium ank : Equipment Blank G94-P0-SS-02-EB	EMJA6141013184501	-0.0211 (JI	3) 0.0891	mg/L	1
	Total Number of Blanks Total Number above Det	_		ration Range: Detection Limit		
Anal	hod : SW6010 - Metals yte : Selenium ank : Method Blank					
	BLK944429	EMJA6141013184501	0.00790 (JE			
	Total Number of Blanks Total Number above Det	= 1	Concentr	ration Range: Detection Limit	0.00790 -	0.00790
Anal	hod : SW6010 - Metals yte : Silver ank : Equipment Blank					
0/13/94		EMJA6141013184501				1
	Total Number of Blanks Total Number above Det		Concentr	ation Range: -( Detection Limit	0.000800 -	

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID 	RESULT	LIMIT	UNITS	FACTOR
		•				
	hod : SW6010 - Metals yte : Silver					
	ank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501	0.00150 (JB	) 0.00519	mg/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit		
Anal	hod : SW6010 - Metals yte : Sodium ank : Equipment Blank					
10/13/94	G94-P0-SS-02-EB	EMJA6141013184501	0.0344 (JB	) 0.0401	mg/L	1
	Total Number of Blank	s = 1	Concentr	ation Range:	0.0344 -	0.0344
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	0.0401	
Anal	hod : SW6010 - Metals yte : Sodium ank : Method Blank	-				
10/13/94	BLK944429	EMJA6141013184501	0.0355 (JB	) 0.0401 	mg/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit		0.0355
Anal	nod : SW6010 - Metals yte : Thallium					
	ank : Equipment Blank	EMJA6141013184501	-0.0162 (JB	0.0833	ma/l	1
10/10/04						
	T : 3 !!   C D3   I			D	0.0100	0.0100
	Total Number of Blank Total Number above De			ation Range: Detection Limit		-0.0162
Meth	Total Number above De			•		-0.0162
Met! Anal <u>y</u>	Total Number above De			•		-0.0162
Metl Anal Type of Bla	Total Number above De nod : SW6010 - Metals yte : Thallium ank : Method Blank BLK944429		Maximum :	Detection Limit	mg/L	1

DATE ANALYZED	SAMPLE ID	BATCH I D	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW6010 - Metals					
	yte : Vanadium ank : Equipment Blank					
Type of bi	ank . Equipment brank					
10/13/94 	G94-P0-SS-02-EB	EMJA6141013184501		JB) 0.00454		1
	Total Number of Blank Total Number above De		Concent	ration Range: Detection Limit	-0.00791 -	
Anal	hod : SW6010 - Metals yte : Vanadium ank : Method Blank					
10/13/94	BLK944429	EMJA6141013184501			_	
·	Total Number of Blank Total Number above De		Concent	ration Range: Detection Limit	-0.00811 -	-0.00811
Anal	nod : SW6010 - Metals yte : Zinc ank : Equipment Blank					
.0/13/94	G94-P0-SS-02-EB	EMJA6141013184501		B) 0.00402	mg/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		
	nod : SW6010 - Metals /te : Zinc ank : Method Blank					
ype of Bla						1
	BLK944429	EMJA6141013184501	0.00525 (B	) 0.00402	mg/L	1
ype of Bla	BLK944429  Total Number of Blanks Total Number above De	s = 1	Concent	) 0.00402 ration Range: Detection Limit	0.00525 -	0.00525
0/13/94 	Total Number of Blank Total Number above De	s = 1	Concent	ration Range:	0.00525 -	0.00525
0/13/94  Meth Analy	Total Number of Blanks Total Number above Det	s = 1 cection Limit = 1	Concent	ration Range:	0.00525 -	0.00525
0/13/94  Meth Analy	Total Number of Blanks Total Number above Def  nod : SW8080 - Organochi rte : 4,4'-DDD  nnk : Equipment Blank	s = 1 cection Limit = 1	Concent Maximum	ration Range:	0.00525 - = 0.00402	0.00525
0/13/94  Meth Analy ype of Bla 0/14/94 0/14/94	Total Number of Blanks Total Number above Def  nod : SW8080 - Organochi rte : 4,4'-DDD  nk : Equipment Blank  G94-DD-SS-03-EB G94-PO-SS-02-EB	cection Limit = 1  Forine Pesticides and PCBs  CHGC7A41014120001  CHGC7A41014120001	Concent Maximum 0.0140	ration Range: Detection Limit  0.00234 0.00227	0.00525 - = 0.00402 ug/L ug/L	0.00525
0/13/94  Meth Analy ype of Bla	Total Number of Blanks Total Number above Def  nod : SW8080 - Organochi rte : 4,4'-DDD  nk : Equipment Blank  G94-DD-SS-03-EB G94-PO-SS-02-EB	s = 1 tection Limit = 1  orine Pesticides and PCBs  CHGC7A41014120001	Concent Maximum 0.0140	ration Range: Detection Limit	0.00525 - = 0.00402 ug/L ug/L	0.00525

Compiled: 21 March 1995

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

A-1.2-10

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW8080 - Organoc	nlorine Pesticides and PCBs				
Anal	yte : 4,4'-DDD					
Type of Bl	ank : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00225	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00225	ug/L	1
	Total Number of Blan	(s = 2	Concent	 ration Range:	NC	
	Total Number above D			Detection Limit =	0.00225	
	•					
Met	hod : SW8080 - Organoci	nlorine Pesticides and PCBs				
Anal	yte : 4,4'-DDE					
Type of Bl	ank : Equipment Blank					
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00469	ug/L	1
	G94-DD-SS-03-EB	CHGC7B41014120001	ND	0.00597	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00455	ug/L	1
	Total Number of Blan	<s 3<="" =="" td=""><td>Concent</td><td>ration Range:</td><td>NC</td><td></td></s>	Concent	ration Range:	NC	
	Total Number above De	etection Limit = 0	Maximum	Detection Limit =	0.00597	
		nlorine Pesticides and PCBs				
	yte : 4,4'-DDE					
	ank . Hethod brank					
Type of Bl	BLK944274	CHGC7A41014120001	ND	0.00464	ug/L	1
Type of Bl.		CHGC7A41014120001 CHGC7A41021120002	ND ND	0.00464 0.00464	ug/L ug/L	1
Type of Bl.	BLK944274	CHGC7A41021120002	ND		_	
Type of Bl	BLK944274 BLK944352	CHGC7A41021120002	ND Concent	0.00464	ug/L NC	
Type of Bl.	BLK944274 BLK944352 Total Number of Blanl	CHGC7A41021120002	ND Concent	0.00464  ration Range:	ug/L NC	
Type of Bl 10/14/94 10/22/94	BLK944274 BLK944352 Total Number of Bland Total Number above De	CHGC7A41021120002	ND Concent	0.00464  ration Range:	ug/L NC	
Type of Bl 10/14/94 10/22/94  Met Anal	BLK944274 BLK944352 Total Number of Bland Total Number above Do	CHGC7A41021120002 	ND Concent	0.00464  ration Range:	ug/L NC	
Type of Bl 10/14/94 10/22/94  Met Anal	BLK944274 BLK944352 Total Number of Bland Total Number above Do	CHGC7A41021120002 	ND Concent	0.00464  ration Range:	ug/L NC	
Type of Bl. 10/14/94 10/22/94  Met: Anal	BLK944274 BLK944352 Total Number of Bland Total Number above Do hod : SW8080 - Organocl yte : 4,4'-DDT ank : Equipment Blank	CHGC7A41021120002  As = 2 Etection Limit = 0  nlorine Pesticides and PCBs	ND Concent	0.00464 	ug/L  NC 0.00464	
Met Anal Type of Bl	BLK944274 BLK944352 Total Number of Bland Total Number above Do	CHGC7A41021120002 	ND Concent Maximum	0.00464 	ug/L NC	1

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.00914

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR	
Met	hod : SW8080 - Organoch	lorine Pesticides and PCBs					
	yte : 4,4'-DDT						
Type of Bl	ank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00746	ug/L	1	
.0/22/94	BLK944352	CHGC7A41021120002	ND	0.00746	ug/L	1	
	Total Number of Blanks = 2			ration Range:	NC		
Total Number above Detection Limit = 0			Maximum	Detection Limit =	0.00746		
Met	had - SURARA - Organoch	lorine Pesticides and PCBs					
	yte : Aldrin	for the restrictues and robs					
Type of Bl	ank : Equipment Blank						
	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00295	ug/L	1	
	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00304	ug/L	1	
.0/22/94 	G94-MB-SS-05-EB	CHGC7B41021120002	0.00190 (K	J) 0.00277	ug/L 	1	
	Total Number of Blanks = 3 Total Number above Detection Limit = 0		Concentration Range: 0.00190 - 0.00190				
	lotal Number above De	tection Limit = U	Maximum	Detection Limit =	0.00304		
Met	hod : SW8080 - Organoch	lorine Pesticides and PCBs					
	yte : Aldrin						
Type of Bl	ank : Method Blank						
	BLK944274	CHGC7A41014120001	ND	0.00292	ug/L	1	
10/22/94 	BLK944352 	CHGC7A41021120002	ND	0.00292	ug/L	1	
	Total Number of Blank	s = 2	Concent	ration Range:	NC		
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00292		
Met	nod : SW8080 - Organoch	lorine Pesticides and PCBs					
Anal	yte : Chlordane	readiorace and reds					
ype of Bl	ank : Equipment Blank						
0/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.0242	ug/L	1	
0/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0250	ug/L	1	
	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0235	ug/L	1	
	Total Number of Blanks	•	Concent	ration Range:	NC		
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.0250		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE	SAMPLE	BATCH		DETECTION		DILUTION	
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR	
Meth	hod : SW8080 - Organoch	Norine Pesticides and PCBs					
	yte : Chlordane	mornie recordings and rese					
	ank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0240	ug/L	1	
0/22/94	BLK944352	CHGC7A41021120002	ND	0.0240	ug/L	1	
	Total Number of Blank	s = 2	Concentr	ation Range:	NC	,	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 0.0240		
Mati	and CUODOD Onno	Janina Booticides and BCPs					
	nod : 5w8080 - Organoch yte : Dieldrin	lorine Pesticides and PCBs					
-	ank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00420	ug/L	1	
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00407	ug/L	1	
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	0.00160 (KJ	DB) 0.00395	ug/L	1	
	Total Number of Blank	s = 3		-		.00160	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 0.00420		
<b>.</b>		Junior Brothinida, and BCDs					
	nod : SW8080 - Organoch yte : Dieldrin	lorine Pesticides and PCBs					
	ank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00403	ug/L	1	
10/22/94	BLK944352	CHGC7A41021120002	0.00100 (Kd	DB) 0.00403	ug/L	1	
	Total Number of Blank	s = 2		•		.00100	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 0.00403		
Ma+h	nod · SW8880 - Organoch	Norine Pesticides and PCBs					
	yte : Endosulfan I	, , , , , , , , , , , , , , , , ,					
-	ank : Equipment Blank						
	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00948	ug/L	1	
10/14/94		CUCC7P41014120001	0.00140 (KJ	0.0146	ug/L	1	
10/14/94 10/14/94	G94-P0-SS-02-EB	CHGC7B41014120001	-				
10/14/94	G94-P0-SS-02-EB G94-MB-SS-05-EB	CHGC7841014120001 CHGC7A41021120002	ND	0.00892	ug/L	1	
		CHGC7A41021120002		0.00892  ration Range:		1  .00140	

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION
		Norine Pesticides and PCBs				
	yte : Endosulfan I ank : Method Blank					
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	and I reduce brains					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00910	ug/L	1
L0/22/94	BLK944352	CHGC7A41021120002	ND	0.00910	ug/L	1
	Total Number of Blank	:s = 2	Concent	ration Range:	NC	
	Total Number above Detection Limit = 0			Detection Limit =	0.00910	
	hod : SW8080 - Organoch yte : Endosulfan II	lorine Pesticides and PCBs				
Type of Bl	ank : Equipment Blank					
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00384	ug/L	1
	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00396	ug/L ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00372	ug/L	1
	Total Number of Blank	s = 3	Concent	ration Range:	NC NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00396	
		lorine Pesticides and PCRs				
Anal	hod : SW8080 - Organoch yte : Endosulfan II ank : Method Blank					
Anal Type of Bl	yte : Endosulfan II ank : Method Blank		ND	0 00380	ua/l	. 1
Anal Type of Bl LO/14/94	yte : Endosulfan II	CHGC7A41014120001 CHGC7A41021120002	ND ND	0.00380 0.00380	ug/L ug/L	1 1
Anal	yte : Endosulfan II ank : Method Blank BLK944274	CHGC7A41014120001 CHGC7A41021120002 s = 2	ND Concent			
Anal Type of Bl 10/14/94 10/22/94 	yte : Endosulfan II ank : Method Blank  BLK944274 BLK944352  Total Number of Blank Total Number above De	CHGC7A41014120001 CHGC7A41021120002 s = 2 tection Limit = 0 lorine Pesticides and PCBs	ND Concent	0.00380  ration Range:	ug/L  NC	
Anal Type of Bl .0/14/94 .0/22/94  Met Anal	yte : Endosulfan II ank : Method Blank BLK944274 BLK944352 Total Number of Blank Total Number above De	CHGC7A41014120001 CHGC7A41021120002 s = 2 tection Limit = 0 lorine Pesticides and PCBs	ND Concent	0.00380  ration Range:	ug/L  NC	
Anal Type of Bl  10/14/94  10/22/94  Met Anal Type of Bl	yte : Endosulfan II ank : Method Blank  BLK944274 BLK944352  Total Number of Blank Total Number above De hod : SW8080 - Organoch yte : Endosulfan Sulfat ank : Equipment Blank	CHGC7A41014120001 CHGC7A41021120002 	ND Concentr Maximum	0.00380  ration Range: Detection Limit =	ug/L  NC 0.00380	1
Anal Type of Bl 10/14/94 10/22/94  Met Anal	yte : Endosulfan II ank : Method Blank  BLK944274 BLK944352  Total Number of Blank Total Number above De hod : SW8080 - Organoch yte : Endosulfan Sulfat	CHGC7A41014120001 CHGC7A41021120002 s = 2 tection Limit = 0 lorine Pesticides and PCBs	ND Concent	0.00380  ration Range:	ug/L NC 0.00380	
Anal Type of Bl  .0/14/94 .0/22/94	yte : Endosulfan II ank : Method Blank  BLK944274 BLK944352  Total Number of Blank Total Number above De  hod : SW8080 - Organoch yte : Endosulfan Sulfat ank : Equipment Blank  G94-P0-SS-02-EB	CHGC7A41014120001 CHGC7A41021120002 	ND Concent Maximum	0.00380  ration Range:  Detection Limit =  0.00549	ug/L  NC 0.00380	1
Anal Type of B1  10/14/94  10/22/94  Met Anal Type of B1  10/14/94	yte : Endosulfan II ank : Method Blank  BLK944274 BLK944352  Total Number of Blank Total Number above De hod : SW8080 - Organoch yte : Endosulfan Sulfat ank : Equipment Blank  G94-P0-SS-02-EB G94-DD-SS-03-EB	CHGC7A41014120001 CHGC7A41021120002 s = 2 tection Limit = 0 lorine Pesticides and PCBs e CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002	ND Concents Maximum  ND ND ND ND	0.00380 	ug/L NC 0.00380 ug/L ug/L	1 1 1

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Moth	and t CNOON - Openanch	laning Destinides and DCRs				
	yte : Endosulfan Sulfat	lorine Pesticides and PCBs e				
-	ank : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00544	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00544	ug/L	1
	. Total Number of Blank	s = 2	Concent	ration Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00544	
Ma+1	nod : SW8080 - Organoch	lorine Pesticides and PCBs				
	te : Endrin	Torrine restrordes and robs				
Type of Bla	ank : Equipment Blank					
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00756	ug/L	1
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00733	ug/L	1
10/22/94 <b>-</b>	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00712 	ug/L	1
	Total Number of Blank	s = 3		ration Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00756	
Meth	nod : SW8080 - Organoch	lorine Pesticides and PCBs				
	te : Endrin					
Type of Bla	ink : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00726	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00726	ug/L	1
	Total Number of Blank	s = 2	Concent	ration Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00726	
		lorine Pesticides and PCBs				
	rte : Endrin Aldehyde unk : Equipment Blank					
10/14/94	694-P0-SS-02-EB	CHGC7A41014120001	ND	0.00404	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00417	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00392	ug/L	1
	Total Number of Blank	s = 3	Concent	ration Range:	NC	
	Total Number above De	tection limit = 0	Maximum	Detection Limit =	0.00417	

Maximum Detection Limit = 0.00417

DATE	SAMPLE	BATCH	·	DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
	hod : SW8080 - Organoch yte : Endrin Aldehyde	nlorine Pesticides and PCBs				
	ank : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00400	ug/L	1
10/22/94 	BLK944352 	CHGC7A41021120002	ND	0.00400	ug/L	1
	Total Number of Blank	cs = 2	Concent	ration Range:	NC	
	Total Number above De	etection Limit = 0	Maximum	Detection Limit =	0.00400	
Meth	and : SW8080 - Organoch	Norine Pesticides and PCBs				
	yte : Heptachlor	100101000 4114 1000				
ype of Bla	ank : Equipment Blank					
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00238	ug/L	1
	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00246	ug/L	1
0/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00231	ug/L	1
<b>-</b>	Total Number of Blank		Concent	ration Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00246	
Analy	nod : SW8080 - Organoch /te : Heptachlor ank : Method Blank	lorine Pesticides and PCBs				
.0/14/94	BLK944274	CHGC7A41014120001	ND	0.00236	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00236	ug/L ug/L	1
	Total Number of Blank	s = 2		ration Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00236	
Meth	od : SW8080 - Organoch	lorine Pesticides and PCBs				
Analy	rte : Heptachlor epoxid nk : Equipment Blank					
	, ,					
0/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00229	ug/L	1
0/14/94 0/22/94	G94-DD-SS-03-EB G94-MB-SS-05-EB	CHGC7A41014120001 CHGC7A41021120002	ND	0.00236	ug/L	1
			ND 	0.00222 	ug/L 	1
	Total Number of Blanks			ration Range:	NC ·	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00236	

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
		***************************************				
Meth	and - SWRRW - Organish	lorine Pesticides and PCBs				
	te : Heptachlor epoxid					
Type of Bla	nk : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00227	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00227	ug/L	1
	Total Number of Blank	s = 2	Concent	ration Range:	NC	
	Total Number above De	tection Limit = 0		Detection Limit =	0.00227	
Meth	nod : SW8080 - Organoch	lorine Pesticides and PCBs				
	rte : Methoxychlor					
Type of Bla	ink : Equipment Blank					
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0570	ug/L	1
	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.0553	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0536	ug/L 	1
	Total Number of Blanks	s = 3	Concenti	ration Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.0570	
		lorine Pesticides and PCBs				
-	te : Methoxychlor nk : Method Blank					
		01100744104440004	- 115	0.0547		4
10/14/94 10/22/94		CHGC7A41014120001 CHGC7A41021120002	ND ND	0.0547 0.0547	ug/L ug/L	1
,,		0.100,741021120002	.10			·
	Total Number of Blanks			ration Range:	NC	
	Total Number above Det	tection Limit = 0	Maximum	Detection Limit =	0.0547	
	od : SW8080 - Organoch te : PCB-1016	orine Pesticides and PCBs				
-	nk : Equipment Blank					
					,.	
	G94-DD-SS-03-EB	CHGC7A41014120001	ND ND	0.0254	ug/L	1
LO/14/94 LO/22/94		CHGC7A41014120001 CHGC7A41021120002	ND ND	0.0246 0.0239	ug/L ug/L	1 1
	Total Number of Blanks			ation Range:	NC	
	Total Number above Det	cection Limit = 0	Maximum	Detection Limit =	0.0254	

DATE	SAMPLE	BATCH		DETECTION		DILUTION	
ANALYZED	ID		RESULT	LIMIT	UNITS	FACTOR	
Met	hod : SW8080 - Organoch	lorine Pesticides and PCBs					
	yte : PCB-1016						
Type of Bl	ank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0244	ug/L	1	
.0/22/94	BLK944352	CHGC7A41021120002	ND 	0.0244	ug/L	1	
	Total Number of Blank	s = 2	Concentr	ation Range:	NC		
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.0244		
	hod : SW8080 - Organoch yte : PCB-1221	lorine Pesticides and PCBs					
	ank : Equipment Blank						
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.0234	ug/L	1	
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0234	ug/L ug/L	1	
.0/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0227	ug/L ug/L	1	
	Total Number of Blanks	s = 3	Concentr	ation Range:	NC		
	Total Number above Det	tection Limit = 0	Maximum	Detection Limit =	0.0242		
	hod : SW8080 - Organoch yte : PCB-1221	orine Pesticides and PCBs					
	ank : Method Blank						
.0/14/94	BLK944274	CHGC7A41014120001	ND	0.0232	ug/L	1	
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0232	ug/L ug/L	1	
	Total Number of Blanks	s = 2	Concentr	ation Range:	NC		
	Total Number above Det			Detection Limit =	0.0232		
	hod : SW8080 ~ Organochl yte : PCB-1232	orine Pesticides and PCBs					
	ank : Equipment Blank						
	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0182	ug/L	1	
0/14/94		CHGC7A41014120001	ND	0.0177	ug/L	1	
LO/14/94 LO/14/94	G94-P0-SS-02-EB	0110077111014120001					
0/14/94	G94-P0-SS-02-EB G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0172	ug/L	1	
		CHGC7A41021120002		0.0172 ation Range:	ug/L  NC	1	

DATE	SAMPLE BATCH			DETECTION		DILUTION	
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR	
Meth	nod : SW8080 - Organoch	lorine Pesticides and PCBs					
-	rte : PCB-1232						
Type of Bla	ank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0175	ug/L	1	
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0175	ug/L	1	
	Total Number of Blanks	s = 2	Concent	ration Range:	NC		
	Total Number above Det		Maximum	Detection Limit =	0.0175		
			•				
Meth	nod : SW8080 - Organoch	orine Pesticides and PCBs					
	/te : PCB-1242						
Type of Bla	ank : Equipment Blank						
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.125	ug/L	1	
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.121	ug/L	1	
10/22/94 - <b></b>	G94-MB-SS-05-EB	CHGC7A41021120002	ND 	0.118	ug/L 	1 	
	Total Number of Blanks	s = 3		ration Range:	NC		
	Total Number above Det	tection Limit = 0	Maximum	Detection Limit =	0.125		
		lorine Pesticides and PCBs					
	rte : PCB-1242 ank : Method Blank						
					41	4	
10/14/94	BLK944274 BLK944352	CHGC7A41014120001 CHGC7A41021120002	ND ND	0.120 0.120	ug/L ug/L	1	
10/22/94 	DEN3443J4			0.120		·	
	Total Number of Blanks			ration Range:	NC		
	Total Number above Det	tection Limit = 0	Maximum	Detection Limit =	0.120		
	nod : SW8080 - Organoch /te : PCB-1248	lorine Pesticides and PCBs					
•	ank : Equipment Blank			,			
			4			_	
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND ND	0.0421 0.0434	ug/L ug/L	1 1	
10/14/94 10/22/94		CHGC7A41014120001 CHGC7A41021120002	ND ND	0.0434	ug/L ug/L	1	
,,							
	Total Number of Blanks			ration Range:	NC 0. 0434		
	Total Number above Det	tection Limit = U	Maximum	Detection Limit =	0.0434		

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
				-		
Mot	had - SW8080 - Organisch	lorine Pesticides and PCBs				
	yte : PCB-1248	To The restrictues and reps				
	ank : Method Blank					
.0/14/94	BLK944274	CHGC7A41014120001	ND	0.0417	ug/L	1
0/22/94	BLK944352	CHGC7A41021120002	ND	0.0417	ug/L	1
	Total Number of Blanks	s = 2	Concentr	ation Range:	NC NC	
	Total Number above De	Maximum	Detection Limit =	0.0417		
	hod : SW8080 - Organoch yte : PCB-1254	lorine Pesticides and PCBs				
	ank : Equipment Blank					
0/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.0311	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0321	ug/L	1
0/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.0302	ug/L	1
	Total Number of Blanks = 3			ation Range:	NC	
	Total Number above Det	tection Limit = 0	Maximum	Detection Limit =	0.0321	
Met	hod : SW8080 - Organochi	orine Pesticides and PCBs				
	yte : PCB-1254	or the restrotaes and robs				
ype of Bl	ank : Method Blank					
0/14/94	BLK944274	CHGC7A41014120001	ND	0.0308	ug/L	1
0/22/94	BLK944352	CHGC7A41021120002	ND	0.0308	ug/L	1
	Total Number of Blanks	C				
				ation Range:	NC	
	Total Number above Det			ation Range: Detection Limit =		
Met	Total Number above Det	ection Limit = 0				
Anal	Total Number above Det hod : SW8080 - Organochl yte : PCB-1260					
Anal	Total Number above Det hod : SW8080 - Organochl	ection Limit = 0				
Anal ype of Bl 0/14/94	Total Number above Det hod : SW8080 - Organochl yte : PCB-1260 ank : Equipment Blank G94-PO-SS-02-EB	cection Limit = 0  orine Pesticides and PCBs  CHGC7A41014120001				1
Anal ype of Bl 0/14/94 0/14/94	Total Number above Det  hod : SW8080 - Organochl yte : PCB-1260 ank : Equipment Blank  G94-PO-SS-02-EB G94-DD-SS-03-EB	cection Limit = 0  orine Pesticides and PCBs  CHGC7A41014120001  CHGC7A41014120001	Maximum ND ND	Detection Limit =  0.0353 0.0364	0.0308	1 1
Anal ype of Bl. 0/14/94 0/14/94	Total Number above Det hod : SW8080 - Organochl yte : PCB-1260 ank : Equipment Blank G94-PO-SS-02-EB	cection Limit = 0  orine Pesticides and PCBs  CHGC7A41014120001  CHGC7A41014120001	Maximum ND	Detection Limit =  0.0353	0.0308 ug/L	
Anal ype of Bl 0/14/94 0/14/94	Total Number above Det  hod : SW8080 - Organochl yte : PCB-1260 ank : Equipment Blank  G94-PO-SS-02-EB G94-DD-SS-03-EB	cection Limit = 0  orine Pesticides and PCBs  CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002	Maximum ND ND ND Concentr	Detection Limit =  0.0353 0.0364	0.0308 ug/L ug/L	1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
		forine Pesticides and PCBs				
	rte : PCB-1260 ink : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0349	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.0349	ug/L	1
	Total Number of Blanks	s = 2	Concentr	ation Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.0349	
Moth	and . SUSOSO - Organisch	orine Pesticides and PCBs				
Analy	te : Toxaphene	or the restroides and robs				
Type of Bla	nk : Equipment Blank					
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.0431	ug/L	1
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.0445	ug/L	1
10/22/94 	G94-MB-SS-05-EB	CHGC7A41021120002	ND 	0.0419	ug/L 	1
	Total Number of Blanks			ation Range:	NC	
	Total Number above Det	cection Limit = 0	Maximum	Detection Limit =	0.0445	
Ma+h	und - SW8080 - Organisch	orine Pesticides and PCBs				
	rte : Toxaphene	of the restrotues and robs				
	nk : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.0427	ug/L	1
10/22/94 	BLK944352	CHGC7A41021120002	ND	0.0427	ug/L 	1
	Total Number of Blanks			ation Range:	NC	
	Total Number above Det	cection Limit = 0	Maximum	Detection Limit =	0.0427	
Meth	od : SW8080 - Organoch	orine Pesticides and PCBs				
Analy	rte : alpha-BHC					
Type of Bla	nk : Equipment Blank					
10/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00447	ug/L	1
	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00433	ug/L	1
10/22/94 	G94-MB-SS-05-EB	CHGC7A41021120002	ND 	0.00420	ug/L	1
	Total Number of Blanks	s = 3		ation Range:	NC	
	Total Number above Det			Detection Limit =	0.00447	

DATE ANALYZED	SAMPLE ID	BATCH	DE0: 11 7	DETECTION		DILUTION	
		ID 	RESULT 	LIMIT	UNITS	FACTOR	
		lorine Pesticides and PCBs					
	yte : alpha-BHC ank : Method Blank						
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00429	ug/L	1	
0/22/94	BLK944352 	CHGC7A41021120002	ND	0.00429	ug/L	1	
	Total Number of Blank		Concent	ration Range:	NC		
	Total Number above Detection Limit = 0			Detection Limit =	0.00429		
Anal	hod : SW8080 - Organoch yte : beta-BHC ank : Equipment Blank	lorine Pesticides and PCBs					
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00342	ug/L	1	
0/14/94	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00353	ug/L	1	
0/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00332	ug/L	1 .	
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 0.00353		
Analy	nod : SW8080 - Organoch yte : beta-BHC ank : Method Blank	lorine Pesticides and PCBs		·			
0/14/94	BLK944274	CHGC7A41014120001	ND	0.00339	ug/L	1	
0/22/94	BLK944352	CHGC7A41021120002	ND	0.00339	ug/L	1	
	Total Number of Blank: Total Number above De		Concentr Maximum	NC 0.00339			
Analy	nod : SW8080 - Organoch vte : delta-BHC ank : Equipment Blank	orine Pesticides and PCBs					
J. 2. 010	7 aga pinone brunk					•	
0/14/94	G94-P0-SS-02-EB	CHGC7B41014120001	ND	0.00180	ug/L	1	
0/14/94 0/22/94	G94-DD-SS-03-EB G94-MB-SS-05-EB	CHGC7B41014120001 CHGC7A41021120002	ND 0.00850	0.00185	ug/L	1	
				0.00214	ug/L 	1	
	Total Number of Blanks		Concentr	ation Range: 0.	00850 - 0.	00850	
	Total Number above Det	ection Limit = 1	Maximum	Detection Limit =	0.00214		

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION
	-	lorine Pesticides and PCBs		•		
	yte : delta-BHC ank : Method Blank					
	BLK944274	CHGC7A41014120001	ND	0.00218	ug/L	1
10/22/94	BLK944352	CHGC7A41021120002	ND	0.00218	ug/L	1
	Total Number of Blank	s = 2	Concent	ration Range:	NC	
	Total Number above De			Detection Limit =	0.00218	
Mati	Lad . CNOOCO . Oncorpool	lorine Pesticides and PCBs				,
	nod : Sw8080 - Organoch yte : gamma-BHC	TOT THE PESTICITUES AND PUBS				
-	ank : Equipment Blank					
10/14/94	G94-P0-SS-02-EB	CHGC7A41014120001	ND	0.00395	ug/L	1
	G94-DD-SS-03-EB	CHGC7A41014120001	ND	0.00407	ug/L	1
10/22/94	G94-MB-SS-05-EB	CHGC7A41021120002	ND	0.00383	ug/L	1
	Total Number of Blank	s = 3	Concent	ration Range:	NC NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.00407	
Mo+	nod · SUSSE - Organisch	lorine Pesticides and PCBs				
	yte : gamma-BHC	to the reservices and robs				
Type of Bl	ank : Method Blank					
10/14/94	BLK944274	CHGC7A41014120001	ND	0.00391	ug/L	. 1
10/22/94		CHGC7A41021120002	ND	0.00391	ug/L	1
	Total Number of Blank	s = 2	Concent	ration Range:	NC	
	Total Number above De	tection Limit = 0		Detection Limit =	0.00391	
	hod : SW8270 - Semivola					
	yte : 1,2,4-Trichlorobe	nzene				
Type of Bla	ank : Equipment Blank					
	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.639	ug/L	1
10/03/94	d34-F0-33-02-Lb					
10/03/94	Total Number of Blank	s = 1	Concent	ration Range:	NC	

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW8270 - Semivo lyte : 1,2,4-Trichloro lank : Method Blank					
LO/03/94 LO/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.645 0.645	ug/L ug/L	1
	Total Number of Blanks = 2 Total Number above Detection Limit = 0			ation Range: Detection Limit	NC = 0.645	
Anal	hod : SW8270 - Semivo yte : 1,2-Dichloroben ank : Equipment Blank	zene			·	
.0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.697	ug/L	1
	Total Number of Blam Total Number above M			ation Range: Detection Limit		
	hod : SW8270 - Semivo yte : 1,2-Dichlorobenz					
Anal	yte : 1,2-Dichlorobenz ank : Method Blank	zene	ND	0.704	ug/l	1
Anal	yte : 1,2-Dichlorobenz ank : Method Blank BLK944279	MSMSD141003085801 MSMSD141003085801		0.704 0.704 ation Range: Detection Limit	ug/L ug/L  NC = 0.704	1 1
Anal ype of Bl 0/03/94 0/03/94 Meti Anal ype of Bla	yte : 1,2-Dichlorobenz ank : Method Blank BLK944279 BLK944216 Total Number of Blar	MSMSD141003085801 MSMSD141003085801 	ND Concentra	0.704 ation Range:	ug/L  NC = 0.704	
Anal ype of Bl 0/03/94 0/03/94  Meti Anal ype of Bla	yte : 1,2-Dichlorobenz ank : Method Blank  BLK944279 BLK944216  Total Number of Blar Total Number above December 1  hod : SW8270 - Semivol yte : 1,3-Dichlorobenz ank : Equipment Blank	MSMSD141003085801 MSMSD141003085801 	ND Concentra Maximum [  ND Concentra	0.704 ation Range: Detection Limit	ug/L  NC = 0.704  ug/L  NC	1
Analype of Black Method Analype of Black Method Analype of Black Method Analype Method Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype Analype	yte : 1,2-Dichlorobenz ank : Method Blank  BLK944279 BLK944216  Total Number of Blant Total Number above Description  Hod : SW8270 - Semivol  Syte : 1,3-Dichlorobenz  Total Sumper Blank  G94-P0-SS-02-EB  Total Number of Blan	MSMSD141003085801 MSMSD141003085801  oks = 2 Detection Limit = 0  atile Organics tene  MSMSD141003085801  ks = 1 Detection Limit = 0  atile Organics	ND Concentra Maximum [  ND Concentra	0.704 ation Range: Detection Limit  0.752	ug/L  NC = 0.704  ug/L  NC	1
Analype of Black  O/03/94  O/03/94  Meti Analype of Black  O/03/94  Metr Analy	yte : 1,2-Dichlorobenz ank : Method Blank  BLK944279 BLK944216  Total Number of Blant Total Number above Description  Hod : SW8270 - Semivol  Yte : 1,3-Dichlorobenz  Total Number of Blant  G94-P0-SS-02-EB  Total Number of Blant  Total Number above Description  Total Number above Description  Total Number above Description  Total SW8270 - Semivol   MSMSD141003085801 MSMSD141003085801  oks = 2 Detection Limit = 0  atile Organics tene  MSMSD141003085801  ks = 1 Detection Limit = 0  atile Organics	ND Concentra Maximum [  ND Concentra	0.704 ation Range: Detection Limit  0.752	ug/L  NC = 0.704  ug/L  NC	1	

* - Value considered suspect, refer to QC report

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT		DILUTION FACTOR
	d : SW8270 - Semivolat					
	e : 1,3-Dichlorobenzer k : Method Blank, cont					
JF						
	Total Number above Det	cection Limit = 0	Maximum	Detection Limit =	0.760	
	d : SW8270 - Semivolat					
	e : 1,4-Dichlorobenzer k : Equipment Blank	ie				
J. 20 01 21411					•	
.0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	1.39	ug/L 	1
	Total Number of Blanks	s = 1	Concentra	ation Range:	NC	,
	Total Number above Det	cection Limit = 0	Maximum I	Detection Limit =	1.39	
=	e : 1,4-Dichlorobenzer k : Method Blank BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	1.40 1.40	ug/L ug/L	1 1
	 Total Number of Blanks	: = 2	Concentra	<b></b> ation Range:	NC	
	Total Number above Det			Detection Limit =	1.40	
Analyt	d : SW8270 - Semivolat e : 2,4,5-Trichlorophe k : Equipment Blank	_				
.0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.471	ug/L	1
	Total Number of Blanks	s = 1	 Concentra	ation Range:	NC	
	Total Number above Det	ection Limit = 0	Maximum I	Detection Limit =	0.471	
Analyt	d : SW8270 - Semivolat e : 2,4,5-Trichlorophe k : Method Blank					
	D1 1/0 4 4 0 7 0	MSMSD141003085801	ND	0.476	ug/L	1
.0/03/94	BLK9442/9					
.0/03/94 .0/03/94		MSMSD141003085801	ND	0.476	ug/L	1

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Met	thod : SW8270 - Semivola	tile Organics				
	lyte : 2,4,6-Trichloroph lank : Equipment Blank	enol .				
Type of D	rank . Equipment brank					
10/03/94 	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.446	ug/L	1
	Total Number of Blank			ation Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 0.446	
Mot	thod : SW8270 - Semivola	tile Organice				
	lyte : 2,4,6-Trichloroph					
Type of Bl	lank : Method Blank					
10/03/94	BLK944279	MSMSD141003085801	ND	0.450	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.450	ug/L	1
	Total Number of Blank	s = 2	Concentr	ation Range:	NC NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 0.450	
Anal	chod : SW8270 - Semivola yte : 2,4-Dichloropheno lank : Equipment Blank	_				
Anal Type of Bl	yte : 2,4-Dichloropheno	_	ND	0.694	ug/L	1
Anal	yte : 2,4-Dichloropheno ank : Equipment Blank	MSMSD141003085801		0.694 ation Range:	ug/L  NC	1
Anal	yte : 2,4-Dichloropheno ank : Equipment Blank G94-P0-SS-02-EB	MSMSD141003085801 s = 1	Concentr		NC	1
Anal Type of Bl	yte : 2,4-Dichloropheno lank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De	MSMSD141003085801 s = 1 tection Limit = 0	Concentr	ation Range:	NC	1
Anal Type of Bl 10/03/94 	yte : 2,4-Dichloropheno lank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	MSMSD141003085801 	Concentr	ation Range:	NC	1
Anal Type of Bl 10/03/94 Met Anal	yte : 2,4-Dichloropheno lank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De	MSMSD141003085801 	Concentr	ation Range:	NC	1
Anal Type of Bl  0/03/94  Met Anal Type of Bl  0/03/94	yte : 2,4-Dichloropheno ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  hod : SW8270 - Semivola yte : 2,4-Dichloropheno ank : Method Blank  BLK944216	MSMSD141003085801s = 1 tection Limit = 0  tile Organics  MSMSD141003085801	Concentr Maximum	ation Range: Detection Limit  0.701	NC = 0.694 ug/L	1
Anal Type of Bl  10/03/94  Met Anal Type of Bl	yte : 2,4-Dichloropheno ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  hod : SW8270 - Semivola yte : 2,4-Dichloropheno ank : Method Blank	MSMSD141003085801s = 1 tection Limit = 0 tile Organics	Concentr Maximum	ation Range: Detection Limit	NC = 0.694 ug/L	
Anal Type of Bl  10/03/94  Met Anal Type of Bl  10/03/94	yte : 2,4-Dichloropheno lank : Equipment Blank  G94-PO-SS-O2-EB  Total Number of Blank Total Number above De  Chod : SW8270 - Semivola yte : 2,4-Dichloropheno ank : Method Blank  BLK944216 BLK944279  Total Number of Blank	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801	Concentr Maximum ND ND	ation Range: Detection Limit  0.701 0.701 ation Range:	NC = 0.694 ug/L ug/L	1
Anal Type of B1  10/03/94  Met Anal Type of B1	yte : 2,4-Dichloropheno ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  hod : SW8270 - Semivola yte : 2,4-Dichloropheno ank : Method Blank  BLK944216 BLK944279	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801	Concentr Maximum ND ND	ation Range: Detection Limit  0.701 0.701	NC = 0.694 ug/L ug/L	1
Anal Type of Bl 10/03/94 Met Anal Type of Bl .0/03/94 .0/03/94	yte : 2,4-Dichloropheno lank : Equipment Blank  G94-PO-SS-O2-EB  Total Number of Blank Total Number above De  Chod : SW8270 - Semivola yte : 2,4-Dichloropheno ank : Method Blank  BLK944216 BLK944279  Total Number of Blank	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0	Concentr Maximum ND ND	ation Range: Detection Limit  0.701 0.701 ation Range:	NC = 0.694 ug/L ug/L	1
Anal Type of Bl  Met Anal Type of Bl  .0/03/94 .0/03/94	yte : 2,4-Dichloropheno ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  hod : SW8270 - Semivola yte : 2,4-Dichloropheno ank : Method Blank  BLK944216 BLK944279  Total Number of Blank Total Number above De  hod : SW8270 - Semivola yte : 2,4-Dimethylpheno	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0  tile Organics	Concentr Maximum ND ND	ation Range: Detection Limit  0.701 0.701 ation Range:	NC = 0.694 ug/L ug/L	1
Anal Type of B1  10/03/94  Met Anal Type of B1  10/03/94  10/03/94  Met Anal Type of B1	yte : 2,4-Dichloropheno ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  hod : SW8270 - Semivola yte : 2,4-Dichloropheno ank : Method Blank  BLK944216 BLK944279  Total Number of Blank Total Number above De	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0  tile Organics	Concentr Maximum ND ND	ation Range: Detection Limit  0.701 0.701 ation Range:	NC = 0.694 ug/L ug/L	1
Anal Type of Bl  10/03/94  Met Anal Type of Bl  10/03/94  10/03/94  Met Anal	yte: 2,4-Dichloropheno lank: Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  Chod: SW8270 - Semivolat yte: 2,4-Dichloropheno ank: Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above De  Chod: SW8270 - Semivolat yte: 2,4-Dimethylpheno ank: Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0  tile Organics	Concentr Maximum ND ND Concentr Maximum	ation Range: Detection Limit  0.701 0.701 ation Range:	NC = 0.694 ug/L ug/L NC = 0.701	1 1
Anal Type of B1  10/03/94  Met Anal Type of B1  10/03/94  10/03/94  Met Anal Type of B1	yte: 2,4-Dichloropheno lank: Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  Chod: SW8270 - Semivolat yte: 2,4-Dichloropheno ank: Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above De  Chod: SW8270 - Semivolat yte: 2,4-Dimethylpheno ank: Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0  tile Organics  MSMSD141003085801	Concentr Maximum ND Concentr Maximum	0.701 0.701 0.701 ation Range:	NC = 0.694  ug/L ug/L  NC = 0.701	1 1

Compiled: 21 March 1995 ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Analy	nod : SW8270 - Semivolat yte : 2,4-Dimethylphenol ank : Method Blank	ile Organics				
	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.650 0.650	ug/L ug/L	1 1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =		
Analy	nod : SW8270 - Semivolat yte : 2,4-Dinitrophenol ank : Equipment Blank	ile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	1.89	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 1.89	
Analy	nod : SW8270 - Semivolat yte : 2,4-Dinitrophenol ank : Method Blank	ile Organics				
10/03/94 10/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	1.91 1.91	ug/L ug/L	1 1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 1.91	
Analy	nod : SW8270 - Semivolat yte : 2,4-Dinitrotoluene ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.769	ug/L	1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit =		
Analy	hod : SW8270 - Semivolat yte : 2,4-Dinitrotoluene ank : Method Blank					
Analy Type of Bla	yte : 2,4-Dinitrotoluene ank : Method Blank BLK944216		ND ND	0.777 0.777	ug/L ug/L	1 1

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	hod : SW8270 - Semivola yte : 2,4-Dinitrotoluen					
	ank : Method Blank, con					
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 0.777	
Anal	hod : SW8270 - Semivola yte : 2,6-Dinitrotoluen ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.745	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit	NC = 0.745	
Anal Type of Bl 10/03/94	hod : SW8270 - Semivola yte : 2,6-Dinitrotoluen ank : Method Blank BLK944216	e MSMSD141003085801	ND	0.752	ug/L	1
10/03/94 	BLK944279	MSMSD141003085801	ND	0.752 	ug/L 	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit	NC = 0.752	
Anal	nod : SW8270 - Semivola yte : 2-Chloronaphthale ank : Equipment Blank		·			
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.952	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit	NC = 0.952	
Anal	nod : SW8270 - Semivola yte : 2-Chloronaphthale ank : Method Blank					
10/03/94 10/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.962 0.962	ug/L ug/L	1
10/03/34			_		-3, -	_

0.962

Maximum Detection Limit =

DATE ANALYZED	SAMPLE ID 	BATCH ID 	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Analy	nod : SW8270 - Semivola yte : 2-Chlorophenol ank : Equipment Blank	atile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.631	ug/L	1
	Total Number of Blank Total Number above De	s = 1	Concent	ration Range: Detection Limit =		
Analy	nod : SW8270 - Semivola yte : 2-Chlorophenol ank : Method Blank	atile Organics				
	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.637 0.637	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 0.637	
	nod : SW8270 - Semivola /te : 2-Methylnaphthale			•		
Analy Type of Bla	/te : 2-Methylnaphthale ank : Equipment Blank		ND	1.16	ug/L	1
Analy	/te : 2-Methylnaphthale ank : Equipment Blank	MSMSD141003085801 s = 1	Concent	1.16 ration Range: Detection Limit =	ug/L NC 1.16	1
Analy Type of Bla  10/03/94  Meth Analy	te : 2-Methylnaphthale ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	MSMSD141003085801  as = 1  attection Limit = 0	Concent	ration Range:	NC	
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	yte : 2-Methylnaphthale ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De nod : SW8270 - Semivola yte : 2-Methylnaphthale ank : Method Blank	MSMSD141003085801  as = 1  attection Limit = 0	Concent	ration Range:	NC	1 1
Analy Type of Bla  10/03/94  Meth Analy	yte : 2-Methylnaphthale ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De and : SW8270 - Semivola yte : 2-Methylnaphthale ank : Method Blank  BLK944279	MSMSD141003085801  as = 1 attection Limit = 0  attile Organics ane  MSMSD141003085801  MSMSD141003085801	Concent Maximum ND ND	ration Range:  Detection Limit =	NC 1.16 ug/L ug/L	1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla  10/03/94  Meth Analy	yte : 2-Methylnaphthale ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank  Total Number above De  nod : SW8270 - Semivola yte : 2-Methylnaphthale ank : Method Blank  BLK944279 BLK944216  Total Number of Blank	MSMSD141003085801  as = 1  Attection Limit = 0  Attile Organics  AMSMSD141003085801  MSMSD141003085801  ASSD141003085801	Concent Maximum ND ND	ration Range:  Detection Limit =  1.17 1.17  ration Range:	NC 1.16 ug/L ug/L	1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla  10/03/94  Meth Analy	yte : 2-Methylnaphthale ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De nod : SW8270 - Semivola yte : 2-Methylnaphthale ank : Method Blank  BLK944279 BLK944216  Total Number of Blank Total Number above De nod : SW8270 - Semivola yte : 2-Methylphenol ank : Equipment Blank	MSMSD141003085801  as = 1  Attection Limit = 0  Attile Organics  AMSMSD141003085801  MSMSD141003085801  ASSD141003085801	Concent Maximum ND ND	ration Range:  Detection Limit =  1.17 1.17  ration Range:	NC 1.16 ug/L ug/L NC 1.17	1

NA = Not Applicable

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	* **********					
Anal	thod : SW8270 - Semivolatyte : 2-Methylphenolank : Method Blank	tile Organics				
10/03/94	BLK944279	MSMSD141003085801	ND	0 676	/1	1
10/03/94		MSMSD141003085801	ND	0.575 0.575	- ·	1
	Total Number of Blanks		Concentr	ation Range:	NC NC	
	Total Number above Dei	tection Limit = 0	Maximum	Detection Limit =	0.575	
Anal	hod : SW8270 - Semivolat yte : 2-Nitroaniline ank : Equipment Blank	tile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.741	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =		
Anal Type of Bla	yte : 2-Nitroaniline ank : Method Blank	ile Organics				
Anal	ank : Method Blank	MSMSD141003085801 MSMSD141003085801	ND ND	0.748 0.748	ug/L ug/L	1 1
Anal Type of Bla 10/03/94	ank : Method Blank BLK944279	MSMSD141003085801 MSMSD141003085801	ND  Concentra		ug/L  NC	
Anal; Type of Bla 10/03/94 10/03/94  Meth Anal;	ank : Method Blank  BLK944279  BLK944216  Total Number of Blanks  Total Number above Det  nod : SW8270 - Semivolat yte : 2-Nitrophenol	MSMSD141003085801 MSMSD141003085801 	ND  Concentra	0.748  ation Range:	ug/L  NC	
Anal; Type of Bla 10/03/94 10/03/94  Meth Anal;	ank : Method Blank  BLK944279  BLK944216  Total Number of Blanks  Total Number above Det	MSMSD141003085801 MSMSD141003085801 	ND  Concentra	0.748  ation Range:	ug/L  NC	
Analy Type of Bla  10/03/94  10/03/94  Meth Analy Type of Bla	ank : Method Blank  BLK944279 BLK944216  Total Number of Blanks Total Number above Det  nod : SW8270 - Semivolat yte : 2-Nitrophenol ank : Equipment Blank	MSMSD141003085801 MSMSD141003085801 	ND Concentra Maximum D ND Concentra	0.748  ation Range: Detection Limit =	ug/L  NC 0.748  ug/L  NC	1
Analy Type of Black  10/03/94  10/03/94  Meth Analy  Meth Analy	ank : Method Blank  BLK944279 BLK944216  Total Number of Blanks Total Number above Det  nod : SW8270 - Semivolat yte : 2-Nitrophenol ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks	MSMSD141003085801 MSMSD141003085801 = 2 lection Limit = 0 ille Organics MSMSD141003085801 = 1 ection Limit = 0	ND Concentra Maximum D ND Concentra	0.748  Ation Range: Detection Limit =  . 1.07  .tion Range:	ug/L  NC 0.748  ug/L  NC	1
Analy Type of Bla  10/03/94  10/03/94  Meth Analy Type of Bla  Meth Analy Type of Bla	BLK944279 BLK944216  Total Number of Blanks Total Number above Det  Total Sw8270 - Semivolat yte : 2-Nitrophenol ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det  and : Sw8270 - Semivolat yte : 2-Nitrophenol	MSMSD141003085801 MSMSD141003085801 = 2 lection Limit = 0 ille Organics MSMSD141003085801 = 1 ection Limit = 0	ND Concentra Maximum D ND Concentra	0.748  Ation Range: Detection Limit =  . 1.07  .tion Range:	ug/L  NC 0.748  ug/L  NC	1
Analy Type of Bla  10/03/94  10/03/94  Meth Analy  Meth Analy  Type of Bla	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801  = 2 ection Limit = 0  ile Organics  MSMSD141003085801  = 1 ection Limit = 0  ile Organics	ND Concentra Maximum D  Concentra Maximum D	0.748  Ation Range: Detection Limit =  1.07  Ation Range: Detection Limit =	ug/L  NC 0.748  ug/L  NC 1.07	1

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTION
	ID	ID	RESULT	LIMIT	UNITS	FACTOR
W-4	abad . CUOQZO . Camitus at	ile Ouronice				
Anal	thod : SW8270 - Semivolat yte : 2-Nitrophenol					
ype of Bi	ank : Method Blank, cont					
	Total Number above Det	ection Limit = 0	Maximum	Detection Limit =	= 1.08	
Anal	hod : SW8270 - Semivolat yte : 3,3'-Dichlorobenzi ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.709	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC - 0.709	
Anal ype of Bl 0/03/94	hod : SW8270 - Semivolat yte : 3,3'-Dichlorobenzi ank : Method Blank BLK944216	dine MSMSD141003085801	ND	0.716	ug/L	1
.0/03/94 	BLK944279 	MSMSD141003085801	ND 	0.716	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 0.716	
Anal	hod : SW8270 - Semivolat yte : 3-Nitroaniline ank : Equipment Blank	ile Organics				
.0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.885	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 0.885	
Anal	hod : SW8270 - Semivolat yte : 3-Nitroaniline ank : Method Blank	ile Organics				

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range:

NC

Maximum Detection Limit = 0.894

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID 	RESULT	LIMIT	UNITS	FACTOR
Anal	hod : SW8270 - Semivolat yte : 4,6-Dinitro-2-meth ank : Equipment Blank	_				
0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.452	ug/L	1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit =	NC 0.452	
Anal	hod : SW8270 - Semivolat yte : 4,6-Dinitro-2-meth ank : Method Blank	-				
.0/03/94 .0/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.457 0.457	ug/L ug/L	1 1
	Total Number of Blanks Total Number above Det	<del>-</del>		ation Range: Detection Limit =	NC 0.457	
Anal	nod : SW8270 - Semivolat yte : 4-Bromophenyl phen ank : Equipment Blank					
Anal	yte : 4-Bromophenyl phen					
Analy ype of Bla	yte : 4-Bromophenyl phen	yl ether MSMSD141003085801	ND Concentr	0.745 ation Range:	ug/L  NC	1
Analy ype of Bla	yte : 4-Bromophenyl phen ank : Equipment Blank G94-P0-SS-02-EB	MSMSD141003085801 	Concentr		NC NC	1
Analype of Black 0/03/94 Meth	yte : 4-Bromophenyl phen ank : Equipment Blank G94-P0-SS-02-EB  Total Number of Blanks	MSMSD141003085801 = 1 ection Limit = 0  ile Organics	Concentr	ation Range:	NC	1
Analype of Black 0/03/94 Meth	yte : 4-Bromophenyl phen ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blanks Total Number above Det nod : SW8270 - Semivolat yte : 4-Bromophenyl phen	MSMSD141003085801 = 1 ection Limit = 0  ile Organics	Concentr	ation Range:	NC 0.745	1 1 1
Analy ype of Bla  0/03/94  Meth Analy ype of Bla  0/03/94	yte: 4-Bromophenyl phen ank: Equipment Blank G94-P0-SS-02-EB Total Number of Blanks Total Number above Det and: SW8270 - Semivolat yte: 4-Bromophenyl phen ank: Method Blank	MSMSD141003085801  = 1 ection Limit = 0  ile Organics yl ether  MSMSD141003085801 MSMSD141003085801	Concentr Maximum ND ND	ation Range: Detection Limit =  0.752	NC 0.745 ug/L ug/L	1
Analy Type of Bla  0/03/94  Meth Analy Analy Analy Analy Analy Meth Analy	yte: 4-Bromophenyl phenank: Equipment Blank  G94-PO-SS-O2-EB  Total Number of Blanks Total Number above Det  nod: SW8270 - Semivolat yte: 4-Bromophenyl phenank: Method Blank  BLK944216 BLK944279  Total Number of Blanks	MSMSD141003085801	Concentr Maximum ND ND	ation Range:  Detection Limit =  0.752  0.752  ation Range:	NC 0.745 ug/L ug/L	1
Analy Type of Bla  0/03/94  Meth Analy Analy Analy Analy Analy Meth Analy	yte: 4-Bromophenyl phenank: Equipment Blank  G94-PO-SS-O2-EB  Total Number of Blanks Total Number above Det  Mod: SW8270 - Semivolat yte: 4-Bromophenyl phenank: Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  Mod: SW8270 - Semivolat yte: 4-Chloro-3-methylpl	MSMSD141003085801  = 1 ection Limit = 0  ile Organics yl ether  MSMSD141003085801 MSMSD141003085801  = 2 ection Limit = 0  ile Organics henol	Concentr Maximum ND ND	ation Range:  Detection Limit =  0.752  0.752  ation Range:	NC 0.745 ug/L ug/L	1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Analy	od : SW8270 - Semivola te : 4-Chloro-3-methyl nk : Method Blank					
	BLK944279	MSMSD141003085801	ND	0.625	ug/L	1
10/03/94		MSMSD141003085801	ND	0.625	ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =		
Analy	od : SW8270 - Semivola te : 4-Chlorophenyl ph nk : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.889	ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =		
_	nk : Method Blank	enyl ether				
Type of Bla		MSMSD141003085801 MSMSD141003085801	ND ND	0.898 0.898	ug/L ug/L	1
_	BLK944216	MSMSD141003085801 MSMSD141003085801	ND Concentr		ug/L NC	
Type of Bla 10/03/94 10/03/94 Meth Analy	BLK944216 BLK944279 Total Number of Blank	MSMSD141003085801 MSMSD141003085801 	ND Concentr	0.898  ration Range:	ug/L NC	
Type of Bla  10/03/94  10/03/94  Meth  Analy Type of Bla	BLK944216 BLK944279  Total Number of Blank: Total Number above Der  od : SW8270 - Semivolate : 4-Methylphenol/3-lnk : Equipment Blank	MSMSD141003085801 MSMSD141003085801 	ND Concentr	0.898  ration Range:	ug/L NC	
Type of Bla  10/03/94  10/03/94  Meth  Analy Type of Bla	BLK944216 BLK944279  Total Number of Blank: Total Number above Der  od : SW8270 - Semivolate : 4-Methylphenol/3-lnk : Equipment Blank	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics Methylphenol MSMSD141003085801 	ND Concentr Maximum  ND Concentr	0.898 	ug/L NC 0.898 ug/L	1
Type of Bla  10/03/94  10/03/94  Meth Analy  Type of Bla  10/03/94  Meth Analy	BLK944216 BLK944279  Total Number of Blank: Total Number above De  od : SW8270 - Semivolate : 4-Methylphenol/3-1 nk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank:	MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0  tile Organics Methylphenol  MSMSD141003085801  s = 1 tection Limit = 0  tile Organics	ND Concentr Maximum  ND Concentr	0.898  Pation Range: Detection Limit =	ug/L NC 0.898 ug/L	1
Type of Bla  10/03/94  10/03/94  Meth Analy  Type of Bla  10/03/94  Meth Analy	BLK944216 BLK944279  Total Number of Blank: Total Number above Der  od : SW8270 - Semivola: te : 4-Methylphenol/3-1 nk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank: Total Number above Der  od : SW8270 - Semivola: te : 4-Methylphenol/3-1	MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0  tile Organics Methylphenol  MSMSD141003085801  s = 1 tection Limit = 0  tile Organics	ND Concentr Maximum  ND Concentr	0.898  Pation Range: Detection Limit =	ug/L NC 0.898 ug/L	1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Anal	hod : SW8270 - Semivolat yte : 4-Methylphenol/3-M ank : Method Blank, cont	ethylphenol				
	Total Number above Det	ection Limit = 0	Maximum	Detection Limit	= 0.859	
Anal	hod : SW8270 - Semivolat yte : 4-Nitroaniline ank : Equipment Blank	ile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.569	ug/L	1
	Total Number of Blanks Total Number above Det	<del>-</del>		ration Range: Detection Limit	NC = 0.569	
Anal	hod : SW8270 - Semivolat yte : 4-Nitroaniline ank : Method Blank	ile Organics				
.0/03/94 .0/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.575 0.575	ug/L ug/L	1 1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit	NC = 0.575	
Anal	hod : SW8270 - Semivolat yte : 4-Nitrophenol ank : Equipment Blank	ile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	1.14	ug/L	1
	Total Number of Blanks Total Number above Det	=		ration Range: Detection Limit		
Anal	hod : SW8270 - Semivolat yte : 4-Nitrophenol ank : Method Blank	ile Organics				
10/03/94 10/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	1.15 1.15	ug/L ug/L	1 1
			Concentr	ration Range: Detection Limit	NC	

DATE	SAMPLE	BATCH	DECLU T	DETECTION	UNITE	DILUTION FACTOR
ANALYZED	ID 	ID	RESULT 	LIMIT	UNITS	
Met	hod : SW8270 - Semivola	tile Organics				
Anal	yte : Acenaphthene ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.662	ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 0.662	
Anal	hod : SW8270 ~ Semivola yte : Acenaphthene ank : Method Blank	tile Organics				
10/03/94 10/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.669 0.669	ug/L ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 0.669	
Anal	hod : SW8270 - Semivola yte : Acenaphthylene ank : Equipment Blank	tile Organics				
Anal	yte : Acenaphthylene	tile Organics				
Anal	yte : Acenaphthylene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	MSMSD141003085801 ss = 1		0.451  ration Range: Detection Limit =	ug/L  NC 0 .451	1
Anal	yte : Acenaphthylene ank : Equipment Blank G94-P0-SS-02-EB	MSMSD141003085801 ss = 1	Concent		NC NC	1
Anal Type of Bl 10/03/94  Met Anal	yte : Acenaphthylene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	MSMSD141003085801 	Concent	ration Range:	NC NC	. 1 
Anal Type of Bl  10/03/94  Met Anal Type of Bl	yte : Acenaphthylene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Acenaphthylene ank : Method Blank  BLK944216 BLK944279	MSMSD141003085801  as = 1  atection Limit = 0  atile Organics  MSMSD141003085801  MSMSD141003085801	Concent Maximum ND ND	ration Range: Detection Limit =  0.456 0.456	NC 0.451 ug/L ug/L	1 1
Anal Type of Bl  10/03/94  Met Anal Type of Bl	yte : Acenaphthylene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Acenaphthylene ank : Method Blank  BLK944216 BLK944279	MSMSD141003085801  as = 1  attection Limit = 0  attile Organics  MSMSD141003085801  MSMSD141003085801	Concent Maximum ND ND	ration Range: Detection Limit =  0.456 0.456	NC 0.451 ug/L ug/L	1 1
Anal Type of Bl 10/03/94 Met Anal Type of Bl 10/03/94 10/03/94	yte : Acenaphthylene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Acenaphthylene ank : Method Blank  BLK944216 BLK944279  Total Number of Blank	MSMSD141003085801  is = 1  itection Limit = 0  itile Organics  MSMSD141003085801  MSMSD141003085801  is = 2  itection Limit = 0	Concent Maximum ND ND	ration Range: Detection Limit =  0.456 0.456 ration Range:	NC 0.451 ug/L ug/L	1 1
Anal Type of Bl 10/03/94 Met Anal Type of Bl Met Anal Type of Bl	yte : Acenaphthylene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Acenaphthylene ank : Method Blank  BLK944216 BLK944279  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Anthracene ank : Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801  is = 1  itection Limit = 0  itile Organics  MSMSD141003085801  MSMSD141003085801  is = 2  itection Limit = 0	Concent Maximum ND ND Concent Maximum	o.456 0.456 0.456 ration Range: Detection Limit =	NC 0.451 ug/L ug/L NC 0.456	1 1

NA = Not Applicable A-1.2-35

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8270 - Semivola yte : Anthracene ank : Method Blank	tile Organics				
10/03/94 10/03/94		MSMSD141003085801 MSMSD141003085801	ND ND	0.460 0.460	ug/L ug/L	1 1
	Total Number of Blank Total Number above De	s = 2	Concentr	ation Range: Detection Limit =		
Anal	hod : SW8270 - Semivola yte : Benzo(a)anthracen ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.506	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC • 0.506	
Anal	hod : SW8270 - Semivola yte : Benzo(a)anthracen ank : Method Blank BLK944279 BLK944216	_	ND	0.511 0.511	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =		
Analy	nod : SW8270 - Semivola yte : Benzo(a)pyrene ank : Equipment Blank	tile Organics				
10/03/94	G94-P0-SS-02~EB	MSMSD141003085801	ND	0.675	ug/L	1
	Total Number of Blanks Total Number above Det	<del>-</del>		ation Range: Detection Limit =	NC 0.675	
Analy	nod : SW8270 - Semivolat vte : Benzo(a)pyrene ank : Method Blank	cile Organics				
	BLK944279	MSMSD141003085801	ND	0.682	ug/L	1
.0/03/94 .0/03/94	BLK944216	MSMSD141003085801	ND	0.682	ug/L	1

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Analy	od : SW8270 - Semivolat te : Benzo(a)pyrene nk : Method Blank, cont					
	Total Number above Det	ection Limit = 0	Maximum	Detection Limit =	0.682	
Analyt	od : SW8270 - Semivolat te : Benzo(b)fluoranthe nk : Equipment Blank					
10/03/94		MSMSD141003085801	ND	0.760	ug/L	1
	Total Number of Blanks Total Number above Det	= 1	Concentr	ration Range: Detection Limit =	NC 0.760	
Analyi	od : SW8270 - Semivolat te : Benzo(b)fluoranthe nk : Method Blank					
10/03/94 10/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.768 0.768	ug/L ug/L	1 1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 0.768	
Analyt	od : SW8270 - Semivolat te : Benzo(g,h,i)peryle nk : Equipment Blank	•				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.677	ug/L	1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit =	NC 0.677	
Analyt	od : SW8270 - Semivolat te : Benzo(g,h,i)peryle nk : Method Blank					
10/03/94 10/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.684 0.684	ug/L ug/L	1 1
	Total Number of Blanks	: = 2	Concentr	ation Range:	NC	

Maximum Detection Limit =

Total Number above Detection Limit = 0

0.684

DATE	SAMPLE	BATCH	0500.5	DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT 	UNITS	FACTOR
Anal	chod : SW8270 - Semivola lyte : Benzo(k)fluoranth lank : Equipment Blank					
.0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	1.10	ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 1.10	
Anal	thod : SW8270 - Semivola yte : Benzo(k)fluoranth ank : Method Blank					
10/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	1.11 1.11	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 1.11	
Anal	hod : SW8270 - Semivola yte : Benzoic acid ank : Equipment Blank	tile Organics				
Anal	hod : SW8270 - Semivola yte : Benzoic acid	tile Organics				
Anal ype of Bl	hod : SW8270 - Semivolar yte : Benzoic acid ank : Equipment Blank G94-P0-SS-02-EB	MSMSD141003085801	ND 	3.08	ug/L 	1
Anal ype of Bl	hod : SW8270 - Semivola yte : Benzoic acid ank : Equipment Blank	MSMSD141003085801 s = 1	Concentr	3.08 ation Range: Detection Limit =	NC	1
Anal Type of Bl .0/03/94 Met Anal	hod : SW8270 - Semivola yte : Benzoic acid ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blanks	MSMSD141003085801 s = 1 tection Limit = 0	Concentr	ation Range:	NC	1
Anal Type of Bl  0/03/94  Met Anal Type of Bl  0/03/94	thod : SW8270 - Semivolar yte : Benzoic acid ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blanks Total Number above Dei hod : SW8270 - Semivolar yte : Benzoic acid ank : Method Blank BLK944279 BLK944216	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801	Concentr Maximum ND ND	ation Range:	NC 3.08	1 1 1
Anal Type of Bl  .0/03/94  Met Anal Type of Bl	thod : SW8270 - Semivolar yte : Benzoic acid ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blanks Total Number above Dei hod : SW8270 - Semivolar yte : Benzoic acid ank : Method Blank BLK944279 BLK944216	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801	Concentr Maximum ND ND	ation Range: Detection Limit =	NC 3.08 ug/L ug/L	1
Anal Type of Bl  .0/03/94  Met Anal Type of Bl  .0/03/94  .0/03/94  Met Anal	thod : SW8270 - Semivolar yte : Benzoic acid ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Def  hod : SW8270 - Semivolar yte : Benzoic acid ank : Method Blank  BLK944279 BLK944216  Total Number of Blanks	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801  s = 2 tection Limit = 0	Concentr Maximum ND ND	ation Range: Detection Limit =  3.11 3.11  3.11  ation Range:	NC 3.08 ug/L ug/L	1
Anal Type of Bl  Met Anal Type of Bl  0/03/94  0/03/94  Met Anal Type of Bl	thod: SW8270 - Semivolar yte: Benzoic acid ank: Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Def  hod: SW8270 - Semivolar yte: Benzoic acid ank: Method Blank  BLK944279 BLK944216  Total Number of Blanks Total Number above Def  hod: SW8270 - Semivolar yte: Benzoic acid ank: Method Blank  G94-P0-SS-02-EB	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0  tile Organics	Concentr Maximum ND ND Concentr Maximum	ation Range: Detection Limit =  3.11 3.11  3.11  ation Range:	NC 3.08 ug/L ug/L NC 3.11	1 1

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT		
		_.				
Analy	nod : SW8270 - Semivola /te : Benzyl alcohol unk : Method Blank	tile Organics				
	BLK944279	MSMSD141003085801	ND	0.698	ug/L	1
10/03/94		MSMSD141003085801	ND	0.698	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =		
Analy	nod : SW8270 - Semivola vte : Butylbenzylphthal nk : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.887	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.887	
10/03/94 10/03/94		MSMSD141003085801 MSMSD141003085801	ND ND	0.896 0.896	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.896	
Analy	nod : SW8270 - Semivola vte : Chrysene unk : Equipment Blank	tile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.612	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.612	
		tile Organics	•			
Analy	nod : SW8270 - Semivola /te : Chrysene ank : Method Blank	·				
Analy Type of Bla 10/03/94	rte : Chrysene ank : Method Blank BLK944279	MSMSD141003085801	ND	0.618	•	1
Analy	rte : Chrysene ank : Method Blank BLK944279		ND	0.618 0.618 cation Range:	ug/L ug/L 	1 1

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8270 - Semivolat yte : Chrysene ank : Method Blank, cont					
	Total Number above Det	ection Limit = 0	Maximum	Detection Limit =	0.618	
Anal	hod : SW8270 - Semivolat yte : Di-n-octylphthalat ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.666	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 0.666	
Anal	hod : SW8270 - Semivolat yte : Di-n-octylphthalat ank : Method Blank BLK944279	-	ND	0.673	ug/L	1
10/03/94	BLK944216	MSMSD141003085801	ND	0.673	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 0.673	
Anal	hod : SW8270 - Semivolat yte : Dibenz(a,h)anthrac ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	- ND	0.722	ug/L	1
	Total Number of Blanks Total Number above Det			ation Range: Detection Limit =	NC 0.722	
Anal	hod : SW8270 - Semivolat yte : Dibenz(a,h)anthrad ank : Method Blank					
10/03/94 10/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.729 0.729	ug/L ug/L	1

Total Number of Blanks = 2

Total Number above Detection Limit = 0

Concentration Range:

Maximum Detection Limit = 0.729

NC

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	hod : SW8270 - Semivol	atile Organics				
-	yte : Dibenzofuran		•			
уре от вт	ank : Equipment Blank					
0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.530	ug/L	1
	Total Number of Blan	ks = 1	Concentr	ation Range:	NC	
	Total Number above D	etection Limit = 0	Maximum	Detection Limit =	0.530	
Meti	hod : SW8270 - Semivol	atile Organics				
	yte : Dibenzofuran	· ·				
ype of Bla	ank : Method Blank					
0/03/94	BLK944279	MSMSD141003085801	ND	0.535	ug/L	1
0/03/94		MSMSD141003085801	ND	0.535	ug/L	1
	Total Number of Blan	ks = 2	 Concentr	ation Range:	NC	
	Total Number above D	etection Limit = 0	Maximum	Detection Limit =	0.535	
Anal	hod : SW8270 - Semivol yte : Dibutylphthalate ank : Equipment Blank					
Analy	yte : Dibutylphthalate ank : Equipment Blank		ND	0.340	ug/L	1
Analy	yte : Dibutylphthalate ank : Equipment Blank	MSMSD141003085801		0.340  ation Range:	ug/L 	1
Analy	yte : Dibutylphthalate ank : Equipment Blank G94-P0-SS-02-EB	MSMSD141003085801 ks = 1	Concentr		NC NC	1
Anal ype of Bla 0/03/94	yte : Dibutylphthalate ank : Equipment Blank G94-P0-SS-02-EB  Total Number of Blan	MSMSD141003085801 ks = 1 etection Limit = 0	Concentr	ation Range:	NC NC	1
Anal ype of Bla .0/03/94  Met Anal	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate	MSMSD141003085801 ks = 1 etection Limit = 0  atile Organics	Concentr	ation Range:	NC NC	1
Analype of Bla	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank	MSMSD141003085801ks = 1 etection Limit = 0 atile Organics	Concentr	ation Range:	NC NC	1 
Analy Type of Bla  10/03/94  Metl Analy	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279	MSMSD141003085801 ks = 1 etection Limit = 0  atile Organics	Concentr Maximum	ation Range: Detection Limit =	NC 0.340	
Analype of Black  O/03/94  Method  Analy  ype of Black  O/03/94	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279	MSMSD141003085801  ks = 1 etection Limit = 0  atile Organics  MSMSD141003085801  MSMSD141003085801	Concentr Maximum ND ND	ation Range: Detection Limit =	NC 0.340	1
Analy Type of Bla  Meth Analy Type of Bla	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279 BLK944216	MSMSD141003085801	Concentr Maximum ND ND	Detection Limit =  0.343 0.343	NC 0.340 ug/L ug/L	1
Anal ype of Bla .0/03/94 	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blan Total Number above D	MSMSD141003085801  ks = 1 etection Limit = 0  atile Organics  MSMSD141003085801  MSMSD141003085801  Liks = 2 etection Limit = 0	Concentr Maximum ND ND	o.343 0.343 o.343	NC 0.340 ug/L ug/L	1
Anal ype of Bla 0/03/94 	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blan	MSMSD141003085801  ks = 1 etection Limit = 0  atile Organics  MSMSD141003085801  MSMSD141003085801	Concentr Maximum ND ND	o.343 0.343 o.343	NC 0.340 ug/L ug/L	1
Anali Type of Black Meti Anali Type of Black 10/03/94 10/03/94	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blan Total Number above D  hod : SW8270 - Semivol	MSMSD141003085801  ks = 1 etection Limit = 0  atile Organics  MSMSD141003085801  MSMSD141003085801	Concentr Maximum ND ND	o.343 0.343 o.343	NC 0.340 ug/L ug/L	1
Anali Type of Black Meti Anali Type of Black 10/03/94 10/03/94	yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Diethylphthalate ank : Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801  ks = 1 etection Limit = 0  atile Organics  MSMSD141003085801  MSMSD141003085801  ks = 2 etection Limit = 0  atile Organics  MSMSD141003085801	Concentr Maximum ND ND Concentr Maximum	o.343 0.343 o.343	NC 0.340 ug/L ug/L	1
Analype of Black  Methodology  Methodology  Modern Analype of Black  Analype of Black  Methodology  Methodology  Methodology  Analype of Black  Sype of Black  Sype of Black  Methodology   yte : Dibutylphthalate ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Dibutylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blan Total Number above D  hod : SW8270 - Semivol yte : Diethylphthalate ank : Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801 ks = 1 etection Limit = 0 atile Organics  MSMSD141003085801 MSMSD141003085801 ks = 2 etection Limit = 0 atile Organics  MSMSD141003085801	Concentr Maximum ND ND Concentr Maximum	ation Range: Detection Limit =  0.343 0.343 ation Range: Detection Limit =	NC 0.340 ug/L ug/L NC 0.343	1 1	

ANALYZED	SAMPLE ID	BATCH ID	RESULT		UNITS	
		,				
Anal	hod : SW8270 - Semivola yte : Diethylphthalate ank : Method Blank	tile Organics	4			
	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.297 0.297	ug/L ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit		
Anal	hod : SW8270 - Semivola yte : Dimethylphthalate ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.440	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit		
	hod : SW8270 - Semivolat	_				
Anal Type of Bla 10/03/94	hod : SW8270 - Semivolatyte : Dimethylphthalate ank : Method Blank BLK944279 BLK944216	_	ND ND	0.444 0.444	ug/L ug/L	1 1
Anal Type of Bla 10/03/94	yte : Dimethylphthalate ank : Method Blank BLK944279	MSMSD141003085801 MSMSD141003085801 s = 2	ND Concentr		ug/L  NC	
. Anal Type of Bla 10/03/94 10/03/94  Metl Anal	yte : Dimethylphthalate ank : Method Blank BLK944279 BLK944216 Total Number of Blanks	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0	ND Concentr	0.444  ation Range:	ug/L  NC	
. Anal Type of Bla 10/03/94 10/03/94  Metl Anal Type of Bla	yte : Dimethylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blanks Total Number above Def  hod : SW8270 - Semivolat yte : Diphenylamine ank : Equipment Blank	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0	ND Concentr Maximum	0.444  ation Range:	ug/L  NC = 0.444	1
. Anal Type of Bla 10/03/94 10/03/94 Metl Anal	yte : Dimethylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blanks Total Number above Def  hod : SW8270 - Semivolat yte : Diphenylamine ank : Equipment Blank	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics MSMSD141003085801	ND Concentr Maximum ND Concentr	0.444 ation Range: Detection Limit	ug/L  NC = 0.444  ug/L  NC	1
. Anal Type of Bla 10/03/94 10/03/94  Meth Anal Type of Bla 10/03/94	yte : Dimethylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blanks Total Number above Def  hod : SW8270 - Semivolat yte : Diphenylamine ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics  MSMSD141003085801 s = 1 tection Limit = 0	ND Concentr Maximum ND Concentr	0.444	ug/L  NC = 0.444  ug/L  NC	1
Meth Analy Type of Bla  10/03/94   Meth Analy Type of Bla	yte : Dimethylphthalate ank : Method Blank  BLK944279 BLK944216  Total Number of Blanks Total Number above Det  hod : SW8270 - Semivolat yte : Diphenylamine ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det  hod : SW8270 - Semivolat yte : Diphenylamine	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics  MSMSD141003085801 s = 1 tection Limit = 0	ND Concentr Maximum ND Concentr	0.444  ation Range:  Detection Limit  0.651  ation Range:  Detection Limit	ug/L  NC = 0.444  ug/L  NC	1

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
		<del></del>				
Met	hod : SW8270 - Semivola	tile Organics				
	yte : Diphenylamine	_				
уре от ві	ank : Method Blank, con	ι.				
	Total Number above De	tection Limit = 0	Maximum	Detection Limit =	0.658	
Met	hod : SW8270 - Semivolat	tile Organics				
	yte : Fluoranthene					
ype of Bl	ank : Equipment Blank					
0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.679	ug/L	1
	Total Number of Blanks	•		ation Range:	NC	
	Total Number of Blanks			Detection Limit =		
Anal	hod : SW8270 - Semivolat yte : Fluoranthene	tile Organics				
Anal ype of Bl 0/03/94	yte : Fluoranthene ank : Method Blank BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.686 0.686	ug/L ug/L	1 1
Anal ype of Bl 0/03/94	yte : Fluoranthene ank : Method Blank BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND	0.686	ug/L	
Anal Type of Bl	yte : Fluoranthene ank : Method Blank BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801 s = 2	ND Concentr		ug/L  NC	
Anal ype of Bl 0/03/94 0/03/94	yte : Fluoranthene ank : Method Blank BLK944216 BLK944279 Total Number of Blanks	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0	ND Concentr	0.686  ration Range:	ug/L  NC	
Anal ype of Bl 0/03/94 0/03/94  Met Anal	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  hod : SW8270 - Semivolatyte : Fluorene	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0	ND Concentr	0.686  ration Range:	ug/L  NC	
Anal Type of Bl 0/03/94 0/03/94  Met Anal	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Def	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0	ND Concentr	0.686  ration Range:	ug/L  NC	
Anal Type of Bl 0/03/94 0/03/94  Met Anal	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  hod : SW8270 - Semivolatyte : Fluorene	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0	ND Concentr	0.686  ration Range:	ug/L  NC	
Anal ype of Bl 0/03/94 0/03/94  Met Anal ype of Bl	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  hod : SW8270 - Semivolat yte : Fluorene ank : Equipment Blank	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics MSMSD141003085801	ND Concentr Maximum ND	0.686 ration Range: Detection Limit =	ug/L NC 0.686	1
Anal ype of Bl 0/03/94 0/03/94  Met Anal ype of Bl	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Def  hod : SW8270 - Semivolat yte : Fluorene ank : Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics MSMSD141003085801	ND  Concentr  Maximum  ND  Concentr	0.686 Pation Range: Detection Limit =	ug/L NC 0.686	1
Anal ype of Bl 0/03/94 0/03/94  Met Anal ype of Bl	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Def hod : SW8270 - Semivolat yte : Fluorene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics MSMSD141003085801 s = 1 tection Limit = 0	ND  Concentr  Maximum  ND  Concentr	0.686  Pation Range: Detection Limit =	ug/L  NC 0.686	1
Anal ype of Bl 0/03/94 0/03/94  Met Anal ype of Bl 0/03/94 	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  hod : SW8270 - Semivolat yte : Fluorene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det  hod : SW8270 - Semivolat yte : Fluorene	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics MSMSD141003085801 s = 1 tection Limit = 0	ND  Concentr  Maximum  ND  Concentr	0.686  Pation Range: Detection Limit =	ug/L  NC 0.686	1
Anal ype of Bl  0/03/94  0/03/94  Met Anal ype of Bl  0/03/94  Met Anal	yte : Fluoranthene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Def  hod : SW8270 - Semivolat yte : Fluorene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Def	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0 tile Organics MSMSD141003085801 s = 1 tection Limit = 0	ND  Concentr  Maximum  ND  Concentr	0.686  Pation Range: Detection Limit =	ug/L  NC 0.686	1

Total Number of Blanks = 2

NC

Concentration Range:

Maximum Detection Limit = 0.635

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Met	hod : SW8270 - Semivola	atile Organics				
Anal	yte : Hexachlorobenzene					
Type of Bl	ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	1.50	ug/L	1
	Total Number of Blank	-	Concent	ration Range:	NC	
	Total Number above De	etection Limit = 0	Maximum	Detection Limit	= 1.50	
Mot	had s SN9270 Samiyala	tile Organice				
	hod : SW8270 - Semivola yte : Hexachlorobenzena	_				
	ank : Method Blank					
10/03/94	BLK944216	MSMSD141003085801	ND	1.51	ug/L	1
10/03/94	BLK944279	MSMSD141003085801	ND ND	1.51	ug/L ug/L	1
	Total Number of Blank	 :s = 2		ration Range:	NC	
	Total Number above De			Detection Limit		
Anal	hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Equipment Blank	tile Organics	, is a second			
Anal	yte : Hexachlorobutadie	tile Organics	ND	0.973	ug/L	1
Anal Type of Bl	yte : Hexachlorobutadie ank : Equipment Blank G94-P0-SS-02-EB	MSMSD141003085801	ND			1
Anal Type of Bl	yte : Hexachlorobutadie ank : Equipment Blank	MSMSD141003085801	ND Concent	0.973 ration Range: Detection Limit	NC	1
Anal Type of Bl	yte : Hexachlorobutadie ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	MSMSD141003085801	ND Concent	ation Range:	NC	1
Anal Type of Bl	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De	MSMSD141003085801  as = 1  attection Limit = 0  tile Organics	ND Concent	ation Range:	NC	1
Anal Type of Bl 10/03/94  Met Anal	yte : Hexachlorobutadie ank : Equipment Blank G94-PO-SS-O2-EB 	MSMSD141003085801  as = 1  attection Limit = 0  tile Organics	ND Concent	ation Range:	NC	1
Anal Type of Bl 10/03/94 Met Anal	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Method Blank	MSMSD141003085801 s = 1 tection Limit = 0  tile Organics ne	ND Concent Maximum	ration Range: Detection Limit	NC = 0.973	
Anal Type of Black 10/03/94 Meth Anal Type of Black	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie	MSMSD141003085801  as = 1  attection Limit = 0  tile Organics	ND Concent	ration Range: Detection Limit	NC = 0.973 ug/L	1
Anal Type of Bl 10/03/94  Met Anal	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Method Blank  BLK944279 BLK944216	MSMSD141003085801  as = 1  atection Limit = 0  tile Organics  me  MSMSD141003085801  MSMSD141003085801	ND Concent Maximum ND ND	Pation Range: Detection Limit  0.983 0.983	NC = 0.973 ug/L ug/L	
Anal Type of Black 10/03/94 Meth Anal Type of Black	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Method Blank  BLK944279 BLK944216  Total Number of Blank	MSMSD141003085801  as = 1  atection Limit = 0  tile Organics  me  MSMSD141003085801  MSMSD141003085801  MSMSD141003085801	ND Concent Maximum ND ND	O.983 O.983 O.983	NC = 0.973  ug/L ug/L	1
Anal Type of Black 10/03/94 Meth Anal Type of Black	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Method Blank  BLK944279 BLK944216	MSMSD141003085801  as = 1  atection Limit = 0  tile Organics  me  MSMSD141003085801  MSMSD141003085801  MSMSD141003085801	ND Concent Maximum ND ND	Pation Range: Detection Limit  0.983 0.983	NC = 0.973 ug/L ug/L	1
Anal Type of Black 10/03/94 Meta Anal Type of Black 10/03/94	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Method Blank  BLK944279 BLK944216  Total Number of Blank	MSMSD141003085801  as = 1 attection Limit = 0  tile Organics ane  MSMSD141003085801  MSMSD141003085801  s = 2 tection Limit = 0	ND Concent Maximum ND ND	O.983 O.983 O.983	NC = 0.973 ug/L ug/L	1
Anal Type of Black Metal Anal Type of Black 10/03/94 10/03/94	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Method Blank  BLK944279 BLK944216  Total Number of Blank Total Number above De	MSMSD141003085801  Is = 1 Itection Limit = 0  tile Organics Ine  MSMSD141003085801  MSMSD141003085801  S = 2 Itection Limit = 0  tile Organics	ND Concent Maximum ND ND	O.983 O.983 O.983	NC = 0.973 ug/L ug/L	1
Anal Type of Black 10/03/94 Metal Metal Metal	yte : Hexachlorobutadie ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Hexachlorobutadie ank : Method Blank  BLK944279 BLK944216  Total Number of Blank Total Number above De	MSMSD141003085801  Is = 1 Itection Limit = 0  tile Organics Ine  MSMSD141003085801  MSMSD141003085801  S = 2 Itection Limit = 0  tile Organics	ND Concent Maximum ND ND	O.983 O.983 O.983	NC = 0.973 ug/L ug/L	1
Anal Type of Black 10/03/94 Metal Metal Metal	yte: Hexachlorobutadie ank: Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod: SW8270 - Semivola yte: Hexachlorobutadie ank: Method Blank  BLK944279 BLK944216  Total Number of Blank Total Number above De hod: SW8270 - Semivola yte: Hexachlorocyclope ank: Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801  MSMSD141003085801  As = 1  Astection Limit = 0  tile Organics  MSMSD141003085801  MSMSD141003085801  s = 2  tection Limit = 0  tile Organics  ntadiene  MSMSD141003085801	ND Concent Maximum  ND ND Concent Maximum	O.983 O.983 O.983	NC = 0.973  ug/L ug/L NC = 0.983	1
Anal Type of Black Meti Anal Type of Black Meti Anal Type of Black Meti Anal	yte: Hexachlorobutadie ank: Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod: SW8270 - Semivola yte: Hexachlorobutadie ank: Method Blank  BLK944279 BLK944216  Total Number of Blank Total Number above De hod: SW8270 - Semivola yte: Hexachlorocyclope ank: Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801  Serie  MSMSD141003085801  Serie  MSMSD141003085801  MSMSD141003085801  Serie  MSMSD141003085801  Serie  MSMSD141003085801	ND Concent Maximum  ND ND Concent Maximum	O.983 O.983 O.983 Pation Range: Detection Limit	NC = 0.973  ug/L ug/L NC = 0.983	1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
						·
Analy	hod : SW8270 - Semivol yte : Hexachlorocyclop ank : Method Blank					
		NONED1 41 00200 F001	ND	0.050	/1	
10/03/94 10/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.850 0.850	ug/L ug/L	1
	Total Number of Blan Total Number above D			ation Range: Detection Limit =	NC 0.850	
Analy	hod : SW8270 - Semivol yte : Hexachloroethane ank : Equipment Blank	atile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	5.50	ug/L	1
	Total Number of Bland Total Number above D			ation Range: Detection Limit =	NC 5.50	
-	yte : Hexachloroethane					
Type of Bla	ank : Method Blank					
_		MSMSD141003085801 MSMSD141003085801 	ND ND  Concentr	5.56 5.56 ation Range:	ug/L ug/L NC	1
Type of Bla	BLK944279  BLK944216	MSMSD141003085801 	ND Concentr	5.56 	ug/L NC	
Type of Bla 10/03/94 10/03/94  Meth Analy	ank : Method Blank  BLK944279  BLK944216  Total Number of Blank	MSMSD141003085801  cs = 2 etection Limit = 0  atile Organics	ND Concentr	5.56  ation Range:	ug/L NC	
Type of Bla  10/03/94  10/03/94  Meth Analy Type of Bla	BLK944279 BLK944216  Total Number of Blank Total Number above Danod: SW8270 - Semivolative: Indeno(1,2,3-cd); ank: Equipment Blank	MSMSD141003085801  cs = 2 etection Limit = 0  atile Organics	ND  Concentr Maximum	5.56 ation Range: Detection Limit =	ug/L NC 5.56	1
Type of Bla  10/03/94  10/03/94  Meth Analy Type of Bla	BLK944279 BLK944216  Total Number of Blank Total Number above Danod: SW8270 - Semivolative: Indeno(1,2,3-cd); ank: Equipment Blank	MSMSD141003085801  cs = 2 etection Limit = 0  atile Organics byrene  MSMSD141003085801	ND Concentr Maximum  ND Concentr	5.56 ation Range: Detection Limit =	ug/L NC 5.56 ug/L	1
Type of Bla  10/03/94  10/03/94  Meth Analy  Type of Bla  10/03/94  Meth Analy	BLK944279 BLK944216  Total Number of Blank Total Number above Do and: SW8270 - Semivola yte: Indeno(1,2,3-cd) ank: Equipment Blank G94-P0-SS-02-EB	MSMSD141003085801  As = 2 Extection Limit = 0  Atile Organics  Dyrene  MSMSD141003085801  As = 1 Extection Limit = 0  Atile Organics	ND Concentr Maximum  ND Concentr	5.56 ation Range: Detection Limit =  0.529 ation Range:	ug/L NC 5.56 ug/L	1
Type of Bla  10/03/94  10/03/94  Meth Analy Type of Bla  10/03/94  Meth Analy Type of Bla	BLK944279 BLK944216  Total Number of Blank Total Number above Danod: SW8270 - Semivolation of Stank Total Number Blank G94-P0-SS-02-EB  Total Number of Blank Total Number above Danod: SW8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Semivolation of Sw8270 - Sem	MSMSD141003085801  As = 2 etection Limit = 0  atile Organics byrene  MSMSD141003085801  As = 1 etection Limit = 0  atile Organics byrene  MSMSD141003085801	ND Concentr Maximum  ND Concentr Maximum	5.56	ug/L  NC 5.56  ug/L  NC 0.529	1
Meth Analy Type of Bla 10/03/94	BLK944279 BLK944216  Total Number of Bland Total Number above De  nod: SW8270 - Semivole yte: Indeno(1,2,3-cd) ank: Equipment Blank  G94-P0-SS-02-EB  Total Number of Bland Total Number above De  nod: SW8270 - Semivole yte: Indeno(1,2,3-cd) yte: Indeno(1,2,3-cd) yte: Indeno(1,2,3-cd)	MSMSD141003085801  As = 2 Exerction Limit = 0  Atile Organics  Dyrene  MSMSD141003085801  As = 1 Exerction Limit = 0  Atile Organics  Dyrene  MSMSD141003085801  MSMSD141003085801  MSMSD141003085801	ND Concentr Maximum  ND Concentr Maximum	5.56  ation Range: Detection Limit =  0.529  ation Range: Detection Limit =	ug/L  NC 5.56  ug/L  NC 0.529	1

DATE	SAMPLE	BATCH	<b></b>	DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT 	UNITS	FACTOR
Anal	thod : SW8270 - Semivola lyte : Indeno(1,2,3-cd); lank : Method Blank, com	yrene				
	Total Number above De	etection Limit = 0	Maximum	Detection Limit =	0.534	
Anal	chod : SW8270 - Semivola yte : Isophorone ank : Equipment Blank	atile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.543	ug/L	1
	Total Number of Blank Total Number above De	·		ration Range: Detection Limit =	NC 0.543	
Anal	hod : SW8270 - Semivola yte : Isophorone ank : Method Blank	tile Organics				
10/03/94 10/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.548 0.548	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.548	
Anal	hod : SW8270 - Semivola yte : N-Nitroso-di-n-pr ank : Equipment Blank	_				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.796	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.796	
Ana1	hod : SW8270 - Semivola yte : N-Nitroso-di-n-pr ank : Method Blank	_				
.0/03/94 .0/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.804 0.804	ug/L ug/L	1 1
	Total Number of Blank	s = 2	Concentr	ation Range:	NC NC	

0.804

Maximum Detection Limit =

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID 	RESULT	LIMIT	UNITS	FACTOR
	hod : SW8270 - Semivola yte : Naphthalene	tile Organics				
	ank : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.820	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.820	
Anal	hod : SW8270 - Semivola yte : Naphthalene ank : Meṫhod Blank	tile Organics				
.0/03/94 .0/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.828 0.828	ug/L ug/L	1 1
	Total Number of Blank	s = 2	Concentr	ation Range:	NC 0.000	
Anal	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank		Maximum	Detection Limit =	0.828	
Anal	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank G94-P0-SS-02-EB	tile Organics  MSMSD141003085801	ND	0.833	ug/L	1
Anal	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank	MSMSD141003085801 s = 1	ND Concentr		ug/L  NC	1
Anal Type of Bl  0/03/94  Met Anal	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	MSMSD141003085801s = 1 tection Limit = 0	ND Concentr	0.833  ation Range:	ug/L  NC	1
Anal Type of Bl  .0/03/94  Met Anal Type of Bl	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Method Blank  BLK944216	MSMSD141003085801s = 1 tection Limit = 0	ND Concentr	0.833  ation Range:	ug/L  NC	1 1 1
Anal Type of Bl  .0/03/94  Met Anal Type of Bl	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Method Blank  BLK944216	MSMSD141003085801 s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801	ND Concentry Maximum ND ND ND	0.833 ation Range: Detection Limit =	ug/L  NC 0.833  . ug/L ug/L	1
Anal Type of Bl  Met Anal Type of Bl  10/03/94 10/03/94 10/03/94 10/03/94 10/03/94	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Method Blank  BLK944216 BLK944279  Total Number of Blank	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801	ND Concentry Maximum ND ND ND	0.833 ation Range: Detection Limit =  0.841 0.841	ug/L  NC 0.833  . ug/L ug/L	1
Anal Type of Bl  Met Anal Type of Bl  10/03/94 10/03/94 10/03/94 10/03/94 10/03/94	Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Nitrobenzene ank : Method Blank  BLK944216 BLK944279  Total Number of Blank Total Number above De hod : SW8270 - Semivola yte : Pentachlorophenol ank : Equipment Blank	MSMSD141003085801  s = 1 tection Limit = 0  tile Organics  MSMSD141003085801 MSMSD141003085801	ND Concentry Maximum ND ND ND	0.833 ation Range: Detection Limit =  0.841 0.841	ug/L  NC 0.833  . ug/L ug/L	1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8270 - Semivola yte : Pentachlorophenol ank : Method Blank	tile Organics				
.0/03/94 .0/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	0.648 0.648	ug/L ug/L	1 1
	Total Number of Blanks Total Number above De			ration Range: Detection Limit	NC = 0.648	
Anal	hod : SW8270 - Semivolat yte : Phenanthrene ank : Equipment Blank	tile Organics				
0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.628	ug/L	1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit		
	nod : SW8270 - Semivolat yte : Phenanthrene	tile Organics				
Analy ype of Bla	yte : Phenanthrene ank : Method Blank BLK944216	tile Organics  MSMSD141003085801	ND	0.634	ug/L	1
Analy ype of Bla	yte : Phenanthrene ank : Method Blank BLK944216	MSMSD141003085801 MSMSD141003085801 	ND Concentr	0.634 0.634 ation Range: Detection Limit =	ug/L  NC	1 1
Analy ype of Bla  0/03/94  0/03/94  Meth Analy ype of Bla	yte : Phenanthrene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  nod : SW8270 - Semivolat yte : Phenol ank : Equipment Blank	MSMSD141003085801 MSMSD141003085801 s = 2 tection Limit = 0	ND Concentr	0.634 ation Range:	ug/L  NC = 0.634	
Analyype of Bla  0/03/94  0/03/94  Meth Analyype of Bla	yte : Phenanthrene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  nod : SW8270 - Semivolat yte : Phenol ank : Equipment Blank	MSMSD141003085801 MSMSD141003085801 S = 2 Section Limit = 0 Sile Organics MSMSD141003085801	ND  Concentr  Maximum  ND	0.634 	ug/L  NC = 0.634  ug/L  NC	1
Analy Type of Bla  0/03/94  0/03/94  Meth Analy  Meth Analy  Meth Analy	yte : Phenanthrene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  mod : SW8270 - Semivolat /te : Phenol ank : Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801 MSMSD141003085801 S = 2 dection Limit = 0 dile Organics MSMSD141003085801 S = 1 dection Limit = 0	ND  Concentr  Maximum  ND	0.634	ug/L  NC = 0.634  ug/L  NC	1
Analy ype of Bla  0/03/94  Meth Analy ype of Bla  0/03/94  Meth Analy ype of Bla	yte : Phenanthrene ank : Method Blank  BLK944216 BLK944279  Total Number of Blanks Total Number above Det  nod : SW8270 - Semivolat /te : Phenol ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det	MSMSD141003085801 MSMSD141003085801 S = 2 Dection Limit = 0  Dile Organics  MSMSD141003085801  S = 1 Dection Limit = 0  Dile Organics  MSMSD141003085801	ND  Concentr  Maximum  ND	0.634	ug/L  NC = 0.634  ug/L  NC	1

TABLE A-1.2 DETAILED LISTING OF LIQUID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	od : SW8270 - Semivolat	ile Organics				
=	te : Phenol					
lype of Bla	nk : Method Blank, cont	•				
	Total Number above Det	ection Limit = 0	Maximum [	Detection Limit	= 0.707	
	od : SW8270 - Semivolat te : Pyrene	ile Organics				
Type of Bla	nk : Equipment Blank					
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.806	ug/L	1
	Total Number of Blanks	= 1	Concentra	ation Range:	NC	
	Total Number above Det	ection Limit = 0	Maximum [	Detection Limit	= 0.806	
Na±1	ad . CURSTO Comity - 1 at	ila Organics				
	od : SW8270 - Semivolat te : Pyrene	TIE VIYANIUS				
	nk : Method Blank					
10/03/04	BLK944216	MSMSD141003085801	ND	0.814	ug/L	1
10/03/94 10/03/94	BLK944279	MSMSD141003085801	ND	0.814	ug/L	1
	Total Number of Blanks	= 2	 Concentra	ation Range:	NC	<b>.</b>
	Total Number above Det			Detection Limit	= 0.814	
						•
Meth	od : SW8270 - Semivolat	ile Organics				
Analy	od : SW8270 - Semivolat te : bis(2-Chloroethoxy					
Analy						
Analy Type of Bla	te : bis(2-Chloroethoxy nk : Equipment Blank	)methane MSMSD141003085801	ND	0.666	ug/L	1
Analy Type of Bla	te : bis(2-Chloroethoxy nk : Equipment Blank	MSMSD141003085801		0.666  ation Range:		1
Analy Type of Bla	te : bis(2-Chloroethoxynk : Equipment Blank  G94-P0-SS-02-EB	MSMSD141003085801	Concentra		NC	1
Analy Type of Bla 10/03/94	te : bis(2-Chloroethoxynk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det	MSMSD141003085801 	Concentra	ation Range:	NC	1
Analy Type of Bla 10/03/94  Meth	te : bis(2-Chloroethoxynk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det	MSMSD141003085801  == 1 ection Limit = 0  ille Organics	Concentra	ation Range:	NC	1
Analy Type of Bla 10/03/94 Meth Analy	te : bis(2-Chloroethoxynk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det	MSMSD141003085801  == 1 ection Limit = 0  ille Organics	Concentra	ation Range:	NC	1
Analy Type of Bla 10/03/94 Meth Analy	te : bis(2-Chloroethoxynk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det  od : SW8270 - Semivolat te : bis(2-Chloroethoxynk : Method Blank	MSMSD141003085801  == 1 ection Limit = 0  ille Organics	Concentra Maximum (	ation Range:	NC = 0.666	1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	te : bis(2-Chloroethoxynk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det  od : SW8270 - Semivolat te : bis(2-Chloroethoxynk : Method Blank  BLK944279 BLK944216	MSMSD141003085801  = 1 ection Limit = 0  ile Organics /)methane  MSMSD141003085801 MSMSD141003085801	Concentra Maximum [ ND ND	ation Range: Detection Limit	NC = 0.666 ug/L	1 1 1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	te : bis(2-Chloroethoxynk : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det  od : SW8270 - Semivolat te : bis(2-Chloroethoxynk : Method Blank  BLK944279 BLK944216	MSMSD141003085801  = 1 ection Limit = 0  ille Organics /)methane  MSMSD141003085801 MSMSD141003085801	Concentra Maximum ( ND ND	ation Range: Detection Limit	NC = 0.666 ug/L ug/L	

	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8270 - Semivola yte : bis(2-Chloroethyl ank : Equipment Blank					
0/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	0.663	ug/L	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.663	
Anal	hod : SW8270 - Semivola yte : bis(2-Chloroethyl ank : Method Blank					
0/03/94 0/03/94	BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	0.670 0.670	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.670	
	yte : bis(2-Chloroisopr ank : Equipment Blank G94-P0-SS-02-EB	opy )ether MSMSD141003085801	ND	1.10	ug/L	1
0/03/94	G94-P0-SS-02-EB  Total Number of Blank			1.10  ation Range:	ug/L 	1
	Total Number above De	tection Limit = 0	Maximum [	Detection Limit =	1.10	
Analy	nod : SW8270 - Semivola yte : bis(2-Chloroisopro ank : Method Blank					
0/03/94 0/03/94	BLK944279 BLK944216	MSMSD141003085801 MSMSD141003085801	ND ND	1.11 1.11	ug/L ug/L	1 1
	Total Number of Blanks Total Number above De			ation Range: Detection Limit =	NC 1.11	
Analy	nod : SW8270 - Semivolat rte : bis(2-Ethylhexyl); nk : Equipment Blank	ile Organics				
Analy	rte : bis(2-Ethylhexyl)punk : Equipment Blank	ile Organics	ND	0.832	ug/L	1

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

A-1.2-50

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Analy	nod : SW8270 - Semivola vte : bis(2-Ethylhexyl) ank : Method Blank	tile Organics				
10/03/94 10/03/94		MSMSD141003085801 MSMSD141003085801	ND ND	0.840	ug/L ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 0.840	
Analy	nod : SW8270 - Semivola /te : p-Chloroaniline ank : Equipment Blank	tile Organics				
10/03/94	G94-P0-SS-02-EB	MSMSD141003085801	ND	1.00	ug/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 1.00	
Analy	nod : SW8270 - Semivola te : p-Chloroaniline ank : Method Blank BLK944216 BLK944279	MSMSD141003085801 MSMSD141003085801	ND ND	1.01 1.01	ug/L ug/L	1 1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 1.01	
Analy	nod : SW8280 - Dioxins a rte : 2,3,7,8-TCDD nk : Equipment Blank	and Furans				
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	2.71	ng/L	1
	Total Number of Blank: Total Number above De			ration Range: Detection Limit =		
Analy	nod : SW8280 - Dioxins a rte : 2,3,7,8-TCDD unk : Method Blank	and Furans				
10/19/94	BLK944330			2.80	ng/L	1
	Total Number of Blank		Concenty	ration Range:	NC	

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW8280 - Dioxins yte : HpCDD Totals	and Furans				
	ank : Equipment Blank					
10/19/94 	G94-01-HA-11-01-EB	MS597141019114301	ND 	4.22	ng/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit :	NC = 4.22	
Anal	hod : SW8280 - Dioxins yte : HpCDD Totals ank : Method Blank	and Furans				
10/19/94	BLK944330	MS597141019114301	ND	4.22	ng/L	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC = 4.22	
Ana1	hod : SW8280 - Dioxins a yte : HpCDF Totals ank : Equipment Blank G94-01-HA-11-01-EB	and Furans MS597141019114301	ND	3.62	ng/L	1
~~~	Total Number of Blank: Total Number above De			ration Range: Detection Limit =	NC NC	
Anal	hod : SW8280 - Dioxins a yte : HpCDF Totals ank : Method Blank	and Furans				
0/19/94	BLK944330	MS597141019114301	ND	3.57	ng/L	1
	Total Number of Blanks Total Number above Det		Concentr	ration Range: Detection Limit =	NC	
Anal	hod : SW8280 - Dioxins a yte : HxCDD Totals ank : Equipment Blank	and Furans				
0/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	4.14	ng/L	1
	Total Number of Blanks Total Number above Det			ration Range: Detection Limit =		

DATE SAMPLE BATCH DETECTION DILUTION ID LIMIT ANALYZED ID RESULT UNITS FACTOR Method: SW8280 - Dioxins and Furans Analyte : HxCDD Totals Type of Blank: Method Blank MS597141019114301 10/19/94 BLK944330 4.09 ng/L 1 Total Number of Blanks = 1 Concentration Range: NC Total Number above Detection Limit = 0 Maximum Detection Limit = 4.09 Method: SW8280 - Dioxins and Furans Analyte : HxCDF Totals Type of Blank : Equipment Blank 10/19/94 G94-01-HA-11-01-EB MS597141019114301 2.61 ng/L Concentration Range: NC Total Number of Blanks = 1 Maximum Detection Limit = 2.61 Total Number above Detection Limit = 0 Method : SW8280 - Dioxins and Furans Analyte : HxCDF Totals Type of Blank: Method Blank 10/19/94 BLK944330 MS597141019114301 Concentration Range: Total Number of Blanks = 1 NC Total Number above Detection Limit = 0 Maximum Detection Limit = 2.56 Method : SW8280 - Dioxins and Furans Analyte : OCDD Type of Blank : Equipment Blank 7.94 ng/L 1 10/19/94 G94-01-HA-11-01-EB MS597141019114301 ND _____ Total Number of Blanks = 1 Concentration Range: Total Number above Detection Limit = 0 Maximum Detection Limit = 7.94 Method: SW8280 - Dioxins and Furans Analyte : OCDD Type of Blank : Method Blank MS597141019114301 7.87 10/19/94 BLK944330 ng/L Total Number of Blanks = 1 Concentration Range: Total Number above Detection Limit = 0 Maximum Detection Limit = 7.87

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Analy	hod : SW8280 - Dioxins an yte : OCDF ank : Equipment Blank	nd Furans				
10/19/94	G94-01-HA-11-01-EB	MS597141019114301	ND	6.40	ng/L	1
	Total Number of Blanks Total Number above Deta			ration Range: Detection Limit =	NC 6.40	
Analy	nod : SW8280 - Dioxins ar yte : OCDF ank : Method Blank	nd Furans				
10/19/94	BLK944330	MS597141019114301	ND	6.19	ng/L	1
	Total Number of Blanks Total Number above Dete			ration Range: Detection Limit =	NC 6.19	
Analy	nod : SW8280 - Dioxins ar te : PeCDD Totals ank : Equipment Blank G94-01-HA-11-01-EB	nd Furans MS597141019114301	ND	3.59	ng/L	1
	Total Number of Blanks Total Number above Dete	=		ration Range: Detection Limit =	NC NC	
Analy	nod : SW8280 - Dioxins ar rte : PeCDD Totals nk : Method Blank	d Furans				
10/19/94	BLK944330	MS597141019114301		3.55		
	Total Number of Blanks Total Number above Dete	= 1	Concentr	ration Range: Detection Limit =	NC	
Analy	nod : SW8280 - Dioxins an rte : PeCDF Totals nk : Equipment Blank	d Furans				
	G94-01-HA-11-01-EB			2.39		
	Total Number of Blanks Total Number above Dete		Concentr	ation Range: Detection Limit =	NC	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT 	UNITS	FACTOR
	nod : SW8280 - Dioxins and yte : PeCDF Totals	Furans				
-	ank : Method Blank					
0/19/94	BLK944330	MS597141019114301	ND	2.45	ng/L	1
	Total Number of Blanks = Total Number above Detec			ation Range: Detection Limit =	NC : 2.45	
Analy	nod : SW8280 - Dioxins and yte : TCDD Totals ank : Equipment Blank	Furans				
	G94-01-HA-11-01-EB	MS597141019114301	ND	2.71	ng/L	1
	Total Number of Blanks =	: 1		ation Range:		
	Total Number above Detec	tion Limit = 0	Maximum	Detection Limit =	2.71	
Analy	nod : SW8280 - Dioxins and yte : TCDD Totals ank : Method Blank	Furans				
10/19/94	BLK944330	MS597141019114301	ND	2.80	ng/L	1
	Total Number of Blanks = Total Number above Detec			ration Range: Detection Limit =	NC = 2.80	
Analy	nod : SW8280 - Dioxins and yte : TCDF Totals ank : Equipment Blank	Furans				
10/19/94	G94-01-HA-11-01-EB	MS597141019114301		1.93		
	Total Number of Blanks = Total Number above Detec	1	Concentr	ration Range: Detection Limit =	NC	
Analy	nod : SW8280 - Dioxins and yte : TCDF Totals ank : Method Blank	I Furans				
10/19/94	BLK944330	MS597141019114301	ND	1.98	ng/L	1
	Total Number of Blanks =	: 1	Concentr	ation Range:	NC	
	Total Number above Detec	tion Limit = 0	Maximum	Detection Limit =	1.98	

ATTACHMENT C - APPENDIX B

Table A-1.3

Detailed Listing of Solid Blanks Results - 1994 Soil Samples

ANALYZED	SAMPLE ID	BATCH ID	RESULT		DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : AK101 - Gasoline yte : Gasoline Range (ank : Method Blank	e Range Organics					
9/27/94		58743C01		(٦)	5.00	mg/kg	1
	Total Number of Blar		Conc		on Range: ection Limit		0.00
Anal	hod : AK102 - Diesel F yte : Diesel Range Org ank : Method Blank						
09/29/94		58743D01		(J)	4.00	mg/kg	1
	Total Number of Blar Total Number above [nks = 1	Conc		on Range: ection Limit		0.00
Met	hod : SW6010 - Metals						
ype of Bl		EMJA6141005100004 FMJA6141005100004			2.76 2.76		
	ank : Method Blank	EMJA6141005100004 	2.30 Conc	(J) entrati		mg/kg 2.30 -	1
Type of Bl. 10/05/94 10/05/94 Met Anal	ank : Method Blank BLK944282 BLK944299 Total Number of Blar	EMJA6141005100004 	2.30 Conc	(J) entrati	2.76 on Range:	mg/kg 2.30 -	1
Met Anal ype of Bl	ank : Method Blank BLK944282 BLK944299 Total Number of Blan Total Number above [EMJA6141005100004 	2.30 Conc Maxii	(J) entrati mum Det	2.76 on Range:	mg/kg 2.30 - = 2.76	2.44
Met Anal ype of Bl. 0/05/94	ank : Method Blank BLK944282 BLK944299 Total Number of Blar Total Number above [hod : SW6010 - Metals yte : Antimony ank : Method Blank BLK944282	EMJA6141005100004 nks = 2 Detection Limit = 0 EMJA6141005100004 EMJA6141005100004	2.30 Conc Maxii -0.556 1.12 Conc	(J) entrati mum Det (J) (J) entrati	2.76 	mg/kg 2.30 - = 2.76 mg/kg mg/kg mg/kg -0.556 -	1 2.44
Met Anal 10/05/94 Met Anal 10/05/94 Met Anal 10/05/94 Met Anal 10/05/94 Anal 10/05/94 Met Anal 10/05/94	ank : Method Blank BLK944282 BLK944299 Total Number of Blan Total Number above [hod : SW6010 - Metals yte : Antimony ank : Method Blank BLK944282 BLK944299 Total Number of Blan	EMJA6141005100004 nks = 2 Detection Limit = 0 EMJA6141005100004 EMJA6141005100004	2.30 Conc Maxii -0.556 1.12 Conc	(J) entrati mum Det (J) (J) entrati	2.76 on Range: ection Limit 5.86 5.86 on Range:	mg/kg 2.30 - = 2.76 mg/kg mg/kg mg/kg -0.556 -	1 2.44
Met Anal Type of Bl. [Vpe of B	BLK944282 BLK944299 Total Number of Blar Total Number above [hod : SW6010 - Metals yte : Antimony ank : Method Blank BLK944282 BLK944299 Total Number of Blar Total Number above [hod : SW6010 - Metals yte : Arsenic	EMJA6141005100004 nks = 2 Detection Limit = 0 EMJA6141005100004 EMJA6141005100004	2.30 Conc Maxim	(J) entrati mum Det (J) (J) entrati mum Det	2.76on Range: ection Limit 5.86 5.86 on Range: ection Limit	mg/kg 2.30 - = 2.76 mg/kg mg/kg -0.556 - = 5.86	1 2.44 1 1.12

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	· BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Ana1	hod : SW6010 - Metal yte : Arsenic ank : Method Blank,					
ype or br		Detection Limit = 0	Maximum	Detection Limit	= 3.47	
Anal	hod : SW6010 - Metal yte : Barium ank : Method Blank	s				
.0/05/94 .0/05/94	BLK944282 BLK944299	EMJA6141005100004 EMJA6141005100004	0.0420 (J) -0.0420 (J)		mg/kg mg/kg	1 1
	Total Number of Bla Total Number above	anks = 2 Detection Limit = 0		ration Range: Detection Limit		0.0420
Anal	nod : SW6010 - Metal: yte : Beryllium ank : Method Blank	S				
0/05/94 0/05/94	BLK944282 BLK944299	EMJA6141005100004 EMJA6141005100004	0.107	0.0329 0.0329	mg/kg mg/kg	1
	Total Number of Bla	anks = 2 Detection Limit = 2		ration Range: Detection Limit		0.108
Analy	nod : SW6010 - Metals yte : Cadmium ank : Method Blank					
0/05/94 0/05/94	BLK944282 BLK944299	EMJA6141005100004 EMJA6141005100004	-0.244 (J) 0.142 (J)		mg/kg mg/kg	1 1
	Total Number of Bla Total Number above	anks = 2 Detection Limit = 0		ation Range: Detection Limit		0.142
Analy	nod : SW6010 - Metals /te : Calcium ank : Method Blank					
.0/05/94 .0/05/94	BLK944282 BLK944299	EMJA6141005100004 EMJA6141005100004	3.89 3.22	1.37 1.37	mg/kg mg/kg	1 1
	Total Number of Bla Total Number above	nnks = 2 Detection Limit = 2		ation Range: Detection Limit		3.89

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID 	RESULT	LIMIT	UNITS	FACTOR
	nod : SW6010 - Metals					
	yte : Chromium ank : Method Blank					
				_		
10/05/94 10/05/94	BLK944282 BLK944299	EMJA6141005100004 EMJA6141005100004	0.166 (J 0.617	0.197 0.197	mg/kg mg/kg	1
	Total Number of Bla Total Number above			tration Range: n Detection Limit		0.617
	TOTAL NUMBER ADOVE	December 1	Maxidiuii	n pereorion Fillit	- 0.137	
Medi	nod : SW6010 - Metals					
	nod : Swbulu - Metals yte : Cobalt					
Type of Bla	ank : Method Blank	Y				
10/05/94	BLK944282	EMJA6141005100004	-0.183 (J	0.538	mg/kg	1
10/05/94		EMJA6141005100004	0.00 (J	1) 0.538	mg/kg	1
	Total Number of Bla	nks = 2	Concent	ration Range:	-0.183 -	0.00
•	Total Number above	Detection Limit = 0	Maximum	n Detection Limit	= 0.538	
Meth	nod : SW6010 - Metals					
	yte : Copper					
Type of Bla	ank : Method Blank					
• •	BLK944282	EMJA6141005100004	0.353 (J	-	mg/kg	1
L0/05/94 	BLK944299 	EMJA6141005100004	0.294 (J) 0.502	mg/kg 	1
	Total Number of Bla			ration Range:		0.353
	Total Number above	Detection Limit = 0	Maximum	n Detection Limit	= 0.502	
Meth	nod : SW6010 - Metals					
Analy	yte : Iron					
Type of Bla	ank : Method Blank					
10/05/94	BLK944282	EMJA6141005100004	2.12	0.509	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	1.54	0.509	mg/kg	1
	Total Number of Bla	nks = 2	Concent	ration Range:	1.54 -	2.12
	Total Number above	Detection Limit = 2	Maximum	Detection Limit	= 0.509	

DATE	SAMPLE	BATCH		D	DETECTION		DILUTION
ANALYZED	ID	ID	RESULT		LIMIT	UNITS	FACTOR
				-			
Met	hod : SW6010 - Metals	8					
	yte : Lead						
Type of Bl	ank : Method Blank						
10/05/94		EMJA6141005100004		, ,	2.12	5. 5	1
10/05/94 	BLK944299	EMJA6141005100004	-1.26	(J)	2.12	mg/kg	1
	Total Number of Bla		Conc	entratio	on Range:	-3.58 -	-1.26
	Total Number above	Detection Limit = 0	Maxi	mum Dete	ection Limit	2.12	
Mo÷	hod : SW6010 - Metals						
	nod : Sw6010 - Metals yte : Magnesium						
	ank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	-0.723	. (J)	9.63	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	-0.222	(J)	9.63	mg/kg	1
	Total Number of Bla	inks = 2				-0.723 -	-0.222
	Total Number above	Detection Limit = 0	Maxir				
Anal	hod : SW6010 - Metals yte : Manganese ank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004	0.00100	(.1)	0.492	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	0.140	: <i>:</i>	0.492	mg/kg	1
	Total Number of Bla	nks = 2 ·	Conce	 entratio	n Range:	0.00100 -	0.140
	Total Number above	Detection Limit = 0	Maxir	mum Dete	ction Limit	= 0.492	
Metl	hod : SW6010 - Metals						
Anal	yte : Molybdenum						
Type of Bla	ank : Method Blank						
10/05/94	BLK944282	EMJA6141005100004		(J)	0.384	mg/kg	1
10/05/94 	BLK944299	EMJA6141005100004	0.523		0.384	mg/kg	1
	Total Number of Bla				n Range:	0.282 -	0.523
	Total Number above	Detection Limit = 1	Maxim	num Dete	ction Limit	= 0.384	

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

ANALYZED ID	ID	RESULT		LIMIT	UNITS	DILUTION FACTOR
Method : SW6010 - M	etals					
Analyte : Nickel						
Type of Blank : Method Bla	nk					
10/05/94 BLK944282	EMJA6141005100004			1.14		1
10/05/94 BLK944299	EMJA6141005100004	0.518	(J)	1.14	mg/kg	1
Total Number o	f Blanks = 2	Conc	entrati	on Range:	0.518 -	0.518
Total Number a	bove Detection Limit = 0	Maxi	mum Det	ection Limit	= 1.14	
,						
Method : SW6010 - M	etals					
Analyte : Potassium	-1.					
Type of Blank : Method Bla	пк					
10/05/94 BLK944282	EMJA6141005100004			44.1		1
10/05/94 BLK944299	EMJA6141005100004	5.63	(J)	44.1	mg/kg 	1
Total Number o				on Range:		5.63
Total Number a	bove Detection Limit = 0	Maxi	mum Det	ection Limit	= 44.1	
Method : SW6010 - M Analyte : Selenium	etals			•		
Type of Blank : Method Bla	nk					
10/05/94 BLK944282	EMJA6141005100004	0.310	(3)	5.84	mg/kg	1
10/05/94 BLK944299		3.26				1
Total Number o	f Blanks = 2	Conc	 entrati	on Range:	0.310 -	3.26
Total Number a	bove Detection Limit ≈ 0			ection Limit		
Method : SW6010 - M	etals					
Analyte : Silver Type of Blank : Method Bla	nk					
10/05/94 BLK944282	EMJA6141005100004	-0.605	(1)	0.443	mg/kg	1
10/03/34 DLN344202		-0.403		0.443	mg/kg	1
10/05/94 BLK944299	EMJA6141005100004	-0.403	(0)	0.443	ilig/ kg	_

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.443

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	hod : SW6010 - Metals	3				
	yte : Sodium ank : Method Blank					
10/05/94	BLK944282	EMJA6141005100004	8.44	3.05	mg/kg	1
10/05/94	BLK944299	EMJA6141005100004	4.22	3.05	mg/kg	1
	Total Number of Bla			ation Range:		8.44
	lotal Number above	Detection Limit = 2	Maximum	Detection Limit	= 3.05	
Met	hod : SW6010 - Metals	8				
Anal	yte : Thallium					
iype of Bl	ank : Method Blank					
10/05/94 10/05/94	BLK944282 BLK944299	EMJA6141005100004	-1.30 (J)		mg/kg	1
	DLK944299	EMJA6141005100004	-1.30 (J)	6.15	mg/kg 	1
	Total Number of Bla	nks = 2 Detection Limit = 0	Concentr Maximum	-1.30		
	Total Hamber above	DOUGHT ENTITY	Haximan	becestion Emile	0.13	
	hod : SW6010 - Metals yte : Vanadium					
Type of Bla	ank : Method Blank					
10/05/94	BLK944282	EMJA6141005100004	0.142 (J)		mg/kg	1
10/05/94 	BLK944299 	EMJA6141005100004	0.0370 (J)	0.292	mg/kg 	1
	Total Number of Bla	nks = 2 Detection Limit = 0		ation Range: Detection Limit		0.142
	TOTAL NUMBER ADOVE	Detection Limit = 0	Maxillium	Detection Limit	= 0.292	
Meti	nod : SW6010 - Metals					
-	yte : Zinc					
Type of Bla	ank : Method Blank					
10/05/94	BLK944282	EMJA6141005100004	0.528	0.347	mg/kg	1
10/05/94 	BLK944299 	EMJA6141005100004	0.274 (J)	0.347 	mg/kg 	1
	Total Number of Bla			ation Range:	0.274 ~	0.528
	Total Number above	vetection Limit = 1	Maximum	Detection Limit	= 0.347	

ANALYZED	SAMPLE	BATCH		DETECTION		DILUTIO
ANALIZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Met	hod : SW8080 - Organo	chlorine Pesticides and PCBs				
Anal:	yte : 4,4'-DDD					
ype of Bl	ank : Method Blank					
0/12/94	BLK944272 B	CHGC6A41012120001	ND	0.305	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	0.305	ug/kg	1
0/23/94	BLK944378	CHGC6A41023120001	ND	0.305	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.305	ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	0.305 	ug/kg	1
	Total Number of Bla		Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.305	
	•					
	nod : SW8080 - Organo yte : 4,4'-DDE	chlorine Pesticides and PCBs				
	ank : Method Blank					
0/12/94	BLK944272 B	CHGC6A41012120001	ND	0.351	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	0.351	ug/kg	1
0/23/94	BLK944378	CHGC6A41023120001	ND	0.351	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.351	ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	0.351	ug/kg	1
	Total Number of Bla	nks = 5		ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.351	
		oblavina Booticides and BCRs				
Mati	and CUIONON Openson					
	nod : SW8080 - Organo vte : 4.4'-DDT	chierine restrictues and robs				
Anal	nod : SW8080 - Organo yte : 4,4'-DDT ank : Method Blank	cinorine restronces and robs				
Anal ype of Bla	yte : 4,4'-DDT	CHGC6A41012120001	ND	0.374	ug/kg	1
Anal ype of Bla 0/12/94	yte : 4,4'-DDT ank : Method Blank BLK944272 B		ND ND	0.374 0.374	ug/kg ug/kg	1 1
Anal ype of Bla 0/12/94 0/14/94	yte : 4,4'-DDT ank : Method Blank	CHGC6A41012120001			ug/kg	
Anal; ype of Bla 0/12/94 0/14/94 0/23/94	yte : 4,4'-DDT ank : Method Blank BLK944272 B BLK944272 BLK944378	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	ND ND	0.374 0.374	ug/kg ug/kg	1 1
Anal ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94	yte : 4,4'-DDT ank : Method Blank BLK944272 B BLK944272	CHGC6A41012120001 CHGC6A41012120002	ND	0.374	ug/kg	1
Anal	yte : 4,4'-DDT ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND	0.374 0.374 0.374	ug/kg ug/kg ug/kg	1 1 1
Anal ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94	yte : 4,4'-DDT ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concent	0.374 0.374 0.374 0.374	ug/kg ug/kg ug/kg ug/kg NC	1 1 1
Anal ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94	yte: 4,4'-DDT ank: Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blank	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concent	0.374 0.374 0.374 0.374 	ug/kg ug/kg ug/kg ug/kg NC	1 1 1
Analype of Black 0/12/94 0/14/94 0/23/94 0/24/94	yte : 4,4'-DDT ank : Method Blank BLK944272 B BLK944378 BLK944377 BLK944377 Total Number of Blance Total Number above	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concent	0.374 0.374 0.374 0.374 	ug/kg ug/kg ug/kg ug/kg NC	1 1 1
Anal; ype of Bl; 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94 	yte: 4,4'-DDT ank: Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blank	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concent	0.374 0.374 0.374 0.374 	ug/kg ug/kg ug/kg ug/kg NC	1 1 1
Anal; ype of Bl; 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94 	yte : 4,4'-DDT ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blance Total Number above in the second of the secon	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concent	0.374 0.374 0.374 0.374 	ug/kg ug/kg ug/kg ug/kg NC	1 1 1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
	nod : SW8080 - Organ rte : Aldrin	ochlorine Pesticides and PCBs				
-	nk : Method Blank,	cont.	•			
10/23/94	BLK944378	CHGC6A41023120001	ND	0.419	ug/kg	1
10/24/94		CHGC6A41023120003	ND	0.419	ug/kg	1
0/29/94	BLK944377 	CHGC6A41029120001	ND 	0.419	ug/kg	1
	Total Number of Bl			ration Range:	NC	
	lotal Number above	Detection Limit = 0	Maximum	Detection Limit =	0.419	
Meth	od : SW8080 - Organ	ochlorine Pesticides and PCBs				
	te : Chlordane					
	nk : Method Blank					
0/12/94	BLK944272 B	CHGC6A41012120001	ND	2.03	ug/kg	1
.0/14/94	BLK944272	CHGC6A41012120002	ND	2.03	ug/kg	1
0/23/94	BLK944378	CHGC6A41023120001	ND	2.03	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	2.03	ug/kg	1
0/29/94	BLK944377 	CHGC6A41029120001	ND	2.03	ug/kg	1
	Total Number of Bla			ation Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	2.03	
		ochlorine Pesticides and PCBs				
	te : Dieldrin nk : Method Blank					
0/12/94	BLK944272 B	CUCCCA41012120001	ND	0.000	71	_
0/12/94	BLK944272	CHGC6A41012120001	ND ND	0.286	ug/kg	1
0/23/94	BLK944378	CHGC6A41012120002 CHGC6A41023120001	ND ND	0.286	ug/kg	1
0/23/94	BLK944377	CHGC6A41023120001	ND	0.286	ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	0.286 0.286	ug/kg ug/kg	1 1
	Total Number of Bla		Concentr	ation Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit =	0.286	
	-1 010000	11				
Analy:	od : SW8080 - Organo te : Endosulfan I nk : Method Blank	chlorine Pesticides and PCBs				
0/12/94	BLK944272 B	CHCCCVV101010001	ND	0.010		_
0/12/94	BLK944272 B	CHGC6A41012120001	ND ND	0.219	ug/kg	1
0/14/94 0/23/94	BLK944272 BLK944378	CHGC6A41012120002	ND	0.219	ug/kg	1
0/23/94	BLK944377	CHGC6A41023120001 CHGC6A41023120003	ND ND	0.219	ug/kg	1
,	,	5.1555.111025125005	****	0.219	ug/kg	1

ANALYZED	SAMPLE ID	BATCH ID 	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	hod : SW8080 - Organo yte : Endosulfan I	chlorine Pesticides and PCBs				
ype of Bl	ank : Method Blank, c	ont.				
10/29/94	BLK944377	CHGC6A41029120001	ND	0.219	ug/kg	1
	Total Number of Bla Total Number above	nks = 5 Detection Limit = 0		ration Range: Detection Limit =	NC = 0.219	
Anal	hod : SW8080 - Organo yte : Endosulfan II ank : Method Blank	chlorine Pesticides and PCBs				
.0/12/94	BLK944272 B	CHGC6A41012120001	ND	0.384	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	0.384	ug/kg	1
0/23/94	BLK944378	CHGC6A41023120001	ND	0.384	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.384	ug/kg	. 1
0/29/94	BLK944377 ·	CHGC6A41029120001	ND	0.384	ug/kg	1
	Total Number of Bla	nks = 5	Concentr	ration Range:	NC NC	
Met	Total Number above		Maximum	Detection Limit =	- 0.384	
Anal	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank	chlorine Pesticides and PCBs ate				
Anal ype of Bl	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B	chlorine Pesticides and PCBs ate CHGC6A41012120001	ND	0.507	ug/kg	1
Anal ype of Bl 0/12/94 0/14/94	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272	chlorine Pesticides and PCBs ate CHGC6A41012120001 CHGC6A41012120002	ND ND	0.507 0.507	ug/kg ug/kg	1
Anal ype of Bl 0/12/94 0/14/94 0/23/94	hod : SW8080 ~ Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944378	chlorine Pesticides and PCBs ate CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	ND ND ND	0.507 0.507 0.507	ug/kg ug/kg ug/kg	
Anal ype of Bl 0/12/94 0/14/94 0/23/94 0/24/94	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272	chlorine Pesticides and PCBs ate CHGC6A41012120001 CHGC6A41012120002	ND ND	0.507 0.507	ug/kg ug/kg	1
Anal ype of Bl 0/12/94 0/14/94 0/23/94 0/24/94	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377	Chlorine Pesticides and PCBs (ate CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND	0.507 0.507 0.507 0.507 0.507	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Anal	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377	Chlorine Pesticides and PCBs (ate CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND	0.507 0.507 0.507 0.507	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Anal Type of Bl 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above	Chlorine Pesticides and PCBs ate CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND	0.507 0.507 0.507 0.507 0.507	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Anal Type of Bl 10/12/94 10/14/94 10/23/94 10/29/94 10/29/94 10/29/94 Met Anal Type of Bl	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : Endrin ank : Method Blank	chlorine Pesticides and PCBs ate CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 nks = 5 Detection Limit = 0 chlorine Pesticides and PCBs	ND ND ND ND ND Concentr Maximum	0.507 0.507 0.507 0.507 0.507 	ug/kg ug/kg ug/kg ug/kg ug/kg 	1 1 1
Anal ype of Bl .0/12/94 .0/14/94 .0/23/94 .0/29/94 	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : Endrin ank : Method Blank BLK944272 B	chlorine Pesticides and PCBs ate CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 nks = 5 Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001	ND ND ND ND Concentr Maximum	0.507 0.507 0.507 0.507 0.507 	ug/kg ug/kg ug/kg ug/kg ug/kg • 0.507	1 1 1 1
Anal ype of Bl. 0/12/94 0/14/94 0/23/94 0/29/94 0/29/94 Met Anal ype of Bl. 0/12/94 0/14/94	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : Endrin ank : Method Blank BLK944272 B BLK944272 B BLK944272	CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concentr Maximum	0.507 0.507 0.507 0.507 0.507 	ug/kg ug/kg ug/kg ug/kg NC : 0.507 ug/kg ug/kg	1 1 1 1
Anal ype of Bl 0/12/94 0/14/94 0/23/94 0/29/94 Met Anal ype of Bl 0/12/94 0/14/94	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : Endrin ank : Method Blank BLK944272 B BLK944272 BLK944378	CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41029120001	ND ND ND ND Concentr Maximum ND ND 0.382 (J)	0.507 0.507 0.507 0.507 0.507 	ug/kg ug/kg ug/kg ug/kg	1 1 1 1
Anal Type of Bl 10/12/94 10/14/94 10/23/94 10/29/94 10/29/94 Met Anal	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : Endrin ank : Method Blank BLK944272 B BLK944272 B BLK944272	CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concentr Maximum	0.507 0.507 0.507 0.507 0.507 	ug/kg ug/kg ug/kg ug/kg NC : 0.507 ug/kg ug/kg	1 1 1 1
Anal ype of Bl 0/12/94 0/14/94 0/23/94 0/29/94 Met Anal ype of Bl 0/12/94 0/14/94 0/23/94	hod : SW8080 - Organo yte : Endosulfan Sulf ank : Method Blank BLK944272 B BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : Endrin ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377	CHOCGA41012120001 CHGCGA41012120002 CHGCGA41023120001 CHGCGA41023120003 CHGCGA41029120001 CHGCGA41029120001 CHGCGA41012120001 CHGCGA41012120001 CHGCGA41012120001 CHGCGA41023120001 CHGCGA41023120001 CHGCGA41023120003 CHGCGA41029120001	ND ND ND Concentr Maximum ND ND 0.382 (J) 0.825 0.149 (J)	0.507 0.507 0.507 0.507 0.507 	ug/kg ug/kg ug/kg ug/kg NC 0.507	1 1 1 1 1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8080 - Organo	ochlorine Pesticides and PCBs				
	/te : Endrin Aldehyde					
ype of Bla	ank : Method Blank					
0/12/94	BLK944272 B	CHGC6A41012120001	ND	0.638	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	0.638	ug/kg	1
0/23/94	BLK944378	CHGC6A41023120001	ND	0.638	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.638	ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	0.638	ug/kg	1
	Total Number of Bla	inks = 5	Concent	ration Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 0.638	
	•					
		ochlorine Pesticides and PCBs				
	rte : Heptachlor ink : Method Blank					
ype or bro	ink . Method brank					
0/12/94	BLK944272 B	CHGC6A41012120001	ND	0.553	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	0.553	ug/kg	1
0/23/94	BLK944378	CHGC6A41023120001	ND	0.553	ug/kg ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.553	ug/kg ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	0.553	ug/kg	1
	Total Number of Bla	nks = 5	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0		Detection Limit		
		chlorine Pesticides and PCBs				
-	te : Heptachlor epox nk : Method Blank	i de				
ype or bra	iik . Method brank					
0/12/94	BLK944272 B	CHGC6A41012120001	ND	0.954	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	0.954	ug/kg ug/kg	1
)/23/94	BLK944378	CHGC6A41023120001	ND	0.954		1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.954	ug/kg	=
)/29/94	BLK944377	CHGC6A41029120001	ND	0.954	ug/kg ug/kg	1 1
	Total Number of Bla	 nks = 5	Concentr	ration Range:	NC	
	Total Number above			Detection Limit :		
Meth	od : SW8080 - Organo	chlorine Pesticides and PCBs				
Analy	te : Methoxychlor					
pe of Bla	nk : Method Blank					
3/13/04	D1 V044070 P	0110000 41 01 01 00000				
0/12/94 0/14/94	BLK944272 B BLK944272	CHGC6A41012120001 CHGC6A41012120002	ND ND	4.03 4.03	ug/kg ug/kg	1 1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT 	UNITS	FACTOR
		ochlorine Pesticides and PCBs				
	te : Methoxychlor					
ype of Bla	nk : Method Blank,	cont.				
.0/23/94	BLK944378	CHGC6A41023120001	ND	4.03	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	· ND	4.03	ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	4.03	ug/kg	1
	Total Number of Bl	anks = 5	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 4.03	
W. II.	- L C110000 0	Lii Destinides and BCDs				
	od : Sw8080 - Urgan te : PCB-1016	ochlorine Pesticides and PCBs				
	nk : Method Blank					
⊅1: - : ∞						
.0/12/94	BLK944272 B	CHGC6A41012120001	ND	3.27	ug/kg	1
.0/14/94	BLK944272	CHGC6A41012120002	ND	3.27	ug/kg	1
.0/23/94	BLK944378	CHGC6A41023120001	ND	3.27	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	3.27	ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	3.27	ug/kg 	1
	Total Number of Bl	anks = 5		ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 3.27	
		ochlorine Pesticides and PCBs				
•	te : PCB-1221					
ype of Bla	nk : Method Blank					
.0/12/94	BLK944272 B	CHGC6A41012120001	ND	2.94	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	2.94	ug/kg	1
.0/23/94	BLK944378	CHGC6A41023120001	ND	2.94	ug/kg	1
.0/24/94	BLK944377	CHGC6A41023120003	ND	2.94	ug/kg	1
.0/29/94	BLK944377	CHGC6A41029120001	ND	2.94	ug/kg	1
	Total Number of Bl	anks = 5		ration Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 2.94	
Mart	od Chlouou U~~	ochlorine Pesticides and PCBs				
	te : PCB-1232	outfor the restrotues and robs				
	nk : Method Blank					
10/12/94	BLK944272 B	CHGC6A41012120001	, ND	7.43	ug/kg	1
10/12/94	BLK944272	CHGC6A41012120002	ND	7.43	ug/kg	1
10/14/94	BLK944378	CHGC6A41023120001	ND	7.43	ug/kg	1
10/23/94	BLK944377	CHGC6A41023120003	ND	7.43	ug/kg	1
· · · ·						

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR

Met	hod : SW8080 - Organo	ochlorine Pesticides and PCBs				
	yte : PCB-1232					
Type of BI	ank : Method Blank, o	cont.				
10/29/94	BLK944377	CHGC6A41029120001	ND	7.43	ug/kg	1
	Total Number of Bla	anks = 5	Concent	ration Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	7.43	
Meti	hod : SW8080 - Organo	ochlorine Pesticides and PCBs				
	yte : PCB-1242					
Type of Bla	ank : Method Blank					
10/12/94	BLK944272 B	CHGC6A41012120001	ND	2.70	/!	1
10/12/94	BLK944272 B	CHGC6A41012120001 CHGC6A41012120002	ND ND	2.72 2.72	ug/kg ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND ND	2.72	ug/kg ug/kg	1 1
10/24/94	BLK944377	CHGC6A41023120003	ND	2.72	ug/kg ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	2.72	ug/kg ug/kg	1
	Total Number of Rlz	inks = 5	Concent	ration Dange.	NC	
	nod : SW8080 - Organo	nks = 5 Detection Limit = 0 ochlorine Pesticides and PCBs		ration Range: Detection Limit =	NC 2.72	
Analy	Total Number above	Detection Limit = 0				
Analy Type of Bla	Total Number above nod : SW8080 - Organo yte : PCB-1248	Detection Limit = 0 schlorine Pesticides and PCBs	Maximum	Detection Limit =	2.72	1
Analy Type of Bla	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank	Detection Limit = 0		Detection Limit =	2.72 ug/kg	1 1
Analy	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001	Maximum ND	Detection Limit =	2.72 ug/kg ug/kg	1
Analy Type of Bla .0/12/94 .0/14/94 .0/23/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002	Maximum ND ND	Detection Limit = 3.22 3.22	2.72 ug/kg ug/kg ug/kg	
Analy Type of Bla 10/12/94 10/14/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	Maximum ND ND ND	3.22 3.22 3.22 3.22	2.72 ug/kg ug/kg	1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377	Detection Limit = 0 Chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	Maximum ND ND ND ND	3.22 3.22 3.22 3.22 3.22	2.72 ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla	Detection Limit = 0 Chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND	3.22 3.22 3.22 3.22 3.22 3.22	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above	Detection Limit = 0 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND	3.22 3.22 3.22 3.22 3.22 3.22	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND	3.22 3.22 3.22 3.22 3.22 3.22	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94 	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above	Detection Limit = 0 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND	3.22 3.22 3.22 3.22 3.22 3.22	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/13/94 10/23/94 10/29/94 Meth Analy Type of Bla	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377	Detection Limit = 0 Chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 This = 5 Detection Limit = 0 Chlorine Pesticides and PCBs CHGC6A41012120001	ND ND ND ND ND ND	3.22 3.22 3.22 3.22 3.22 3.22	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla .0/12/94 .0/14/94 .0/23/94 .0/29/94 .0/29/94 .0/29/94 .0/29/94 .0/29/94 .0/29/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Bla Total Number above nod : SW8080 - Organo yte : PCB-1254 ank : Method Blank	Detection Limit = 0 Chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND Concentr Maximum	3.22 3.22 3.22 3.22 3.22 3.22 Detection Range:	ug/kg ug/kg ug/kg ug/kg ug/kg NC 3.22	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/29/94 Meth Analy Type of Bla 0/12/94 0/14/94 0/23/94	Total Number above nod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above nod : SW8080 - Organo yte : PCB-1254 ank : Method Blank BLK944272 B	Detection Limit = 0 Chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 This = 5 Detection Limit = 0 Chlorine Pesticides and PCBs CHGC6A41012120001	ND ND ND ND ND ND ND ND ND	3.22 3.22 3.22 3.22 3.22 3.22 Detection Range: Detection Limit =	ug/kg ug/kg ug/kg ug/kg ug/kg NC 3.22	1 1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/29/94 Meth Analy Type of Bla 0/12/94 0/14/94 0/23/94	Total Number above mod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Bla Total Number above mod : SW8080 - Organo yte : PCB-1254 ank : Method Blank BLK944272 B BLK944272 B BLK944378 BLK944377	Detection Limit = 0 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120001 CHGC6A41029120001 nks = 5 Detection Limit = 0 CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120002	ND ND ND ND ND ND ND ND ND ND ND ND ND N	3.22 3.22 3.22 3.22 3.22 3.22 3.22 	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/29/94 Meth Analy Type of Bla .0/12/94 .0/14/94	Total Number above mod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above mod : SW8080 - Organo yte : PCB-1254 ank : Method Blank BLK944272 B BLK944272 B BLK944272 BLK944378	Detection Limit = 0 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120001 CHGC6A41029120001 This = 5 Detection Limit = 0 CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	ND ND ND ND ND ND ND ND ND ND ND ND ND N	3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.22	ug/kg ug/kg ug/kg ug/kg s.22	1 1 1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/29/94 Meth Analy Type of Bla 0/12/94 0/14/94 0/23/94	Total Number above mod : SW8080 - Organo yte : PCB-1248 ank : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Bla Total Number above mod : SW8080 - Organo yte : PCB-1254 ank : Method Blank BLK944272 B BLK944272 B BLK944378 BLK944377	Detection Limit = 0 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41029120001 CHGC6A41029120001 CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120003 CHGC6A41023120003 CHGC6A41023120003 CHGC6A41023120003 CHGC6A41023120001	Maximum ND ND ND ND Concentr Maximum ND ND ND ND ND ND ND ND ND N	3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.22	ug/kg ug/kg ug/kg ug/kg solution NC 3.22 ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1 1 1 1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Meth	nod : SW8080 - Organo	chlorine Pesticides and PCBs				
Analy	yte : PCB-1260					
ype of Bla	ank : Method Blank					
.0/12/94	BLK944272 B	CHGC6A41012120001	ND	3.58	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	3.58	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	3.58	ug/kg	1
	BLK944377	CHGC6A41023120003	ND	3.58	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	3.58	ug/kg	1
	Total Number of Bla	nks = 5	Concentr	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	3.58	
		chlorine Pesticides and PCBs				
=	yte : Toxaphene ank : Method Blank					
. , pc 01. 010	and Thomas Diams					
10/12/94	BLK944272 B	CHGC6A41012120001	ND	5.75	ug/kg	1
10/14/94	BLK944272	CHGC6A41012120002	ND	5.75	ug/kg	1
10/23/94	BLK944378	CHGC6A41023120001	ND	5.75	ug/kg	1
10/24/94	BLK944377	CHGC6A41023120003	ND	5.75	ug/kg	1
10/29/94	BLK944377	CHGC6A41029120001	ND	5.75	ug/kg	1
	Total Number of Bla	nks = 5	Concentr	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	5.75	
	=	chlorine Pesticides and PCBs				•
Anal	hod : SW8080 - Organo yte : alpha-BHC ank : Method Blank	chlorine Pesticides and PCBs				
Analy Type of Bla	yte : alpha-BHC ank : Method Blank		NID	0.202	ug/kg	. 1
Analy Type of Bla	yte : alpha-BHC ank : Method Blank BLK944272 B	CHGC6A41012120001	ND ND	0.292	ug/kg	1
Analy Type of Bla 10/12/94 10/14/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272	CHGC6A41012120001 CHGC6A41012120002	ND	0.292	ug/kg	1
Anal Type of Bla 10/12/94 10/14/94 10/23/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	ND ND	0.292 0.292	ug/kg ug/kg	1 1
Anal Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003	ND ND ND	0.292 0.292 0.292	ug/kg ug/kg ug/kg	1 1 1
Anal Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	ND ND	0.292 0.292	ug/kg ug/kg	1 1
Anal	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concenta	0.292 0.292 0.292 0.292 	ug/kg ug/kg ug/kg ug/kg	1 1 1
Anal Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concenta	0.292 0.292 0.292 0.292	ug/kg ug/kg ug/kg ug/kg	1 1 1
Anal Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 cnks = 5 Detection Limit = 0	ND ND ND ND Concenta	0.292 0.292 0.292 0.292 	ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND Concenta	0.292 0.292 0.292 0.292 	ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94 Met	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : beta-BHC	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 cnks = 5 Detection Limit = 0	ND ND ND ND Concenta	0.292 0.292 0.292 0.292 	ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 cnks = 5 Detection Limit = 0	ND ND ND ND Concenta	0.292 0.292 0.292 0.292 	ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 10/12/94 10/14/94 10/23/94 10/24/94 10/29/94	yte : alpha-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Bla Total Number above hod : SW8080 - Organo yte : beta-BHC ank : Method Blank	CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 cnks = 5 Detection Limit = 0	ND ND ND ND Concenta	0.292 0.292 0.292 0.292 	ug/kg ug/kg ug/kg ug/kg	1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	~ = = = = = = = = = = = = = = = = = = =					
Meti	hod : SW8080 - Organo	ochlorine Pesticides and PCBs				
Analy	yte : beta-BHC					
ype of Bla	ank : Method Blank, c	cont.				
10/23/94	BLK944378	CHGC6A41023120001	ND	0.413	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.413	ug/kg	1
0/29/94 	BLK944377	CHGC6A41029120001	ND	0.413	ug/kg	1
	Total Number of Bla			ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.413	
Mo÷l	and . C110000 . Owner-	ablania Particida and DOD.				
	10d : Sw8U8U - Urgand /te : delta-BHC	chlorine Pesticides and PCBs				
	ank : Method Blank					
0/12/94	BLK944272 B	CHGC6A41012120001	ND	0.238	ug/kg	1
0/14/94	BLK944272	CHGC6A41012120002	ND	0.238	ug/kg	1
0/23/94	BLK944378	CHGC6A41023120001	ND	0.238	ug/kg	1
0/24/94	BLK944377	CHGC6A41023120003	ND	0.238	ug/kg	1
0/29/94	BLK944377	CHGC6A41029120001	ND	0.238	ug/kg ug/kg	1
					~	
	Total Number of Bla		Concent	ration Range:	NC	
	Total Number of Bla Total Number above			ration Range: Detection Limit =	NC 0.238	
	Total Number above	Detection Limit = 0				
	Total Number above					
Analy	Total Number above nod : SW8080 - Organo vte : gamma-BHC	Detection Limit = 0				
Analy	Total Number above	Detection Limit = 0				
Analy ype of Bla 0/12/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC nnk : Method Blank BLK944272 B	Detection Limit = 0				1
Analy ype of Bla 0/12/94 0/14/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002	Maximum	Detection Limit =	0.238	1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944378	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	Maximum ND ND ND	Detection Limit = 0.182 0.182 0.182 0.182	0.238 ug/kg ug/kg ug/kg	1 1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003	Maximum ND ND	<pre>Detection Limit = 0.182 0.182 0.182 0.182 0.182</pre>	0.238 ug/kg ug/kg	1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944378	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001	Maximum ND ND ND	Detection Limit = 0.182 0.182 0.182 0.182	0.238 ug/kg ug/kg ug/kg	1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blank	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND ND Concents	0.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla 0/12/94 0/14/94 0/23/94 0/24/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND ND Concents	O.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy Type of Bla .0/12/94 .0/14/94 .0/23/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blank	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND ND Concents	0.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blant Total Number above	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND ND Concents	0.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blant Total Number above in	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND ND Concents	0.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94 Meth Analy	Total Number above nod : SW8080 - Organo /te : gamma-BHC ank : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blant Total Number above	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001	ND ND ND ND ND ND ND Concents	0.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94 Meth Analy	Total Number above nod : SW8080 - Organo /te : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944378 BLK944377 BLK944377 Total Number of Blant Total Number above in od : SW8240 - Volati te : 1,1,1-Trichloroe	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 nks = 5 Detection Limit = 0 le Organics ethane MSMSDB41003194901	ND ND ND ND ND ND ND ND ND ND Concentr	0.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg	1 1 1
Analy ype of Bla 0/12/94 0/14/94 0/23/94 0/24/94 0/29/94 Meth Analy ype of Bla	Total Number above nod : SW8080 - Organo rte : gamma-BHC ink : Method Blank BLK944272 B BLK944272 BLK944377 BLK944377 Total Number of Blant Total Number above in od : SW8240 - Volati rte : 1,1,1-Trichlorom ink : Equipment Blank	Detection Limit = 0 chlorine Pesticides and PCBs CHGC6A41012120001 CHGC6A41012120002 CHGC6A41023120001 CHGC6A41023120003 CHGC6A41029120001 nks = 5 Detection Limit = 0 le Organics ethane MSMSDB41003194901	ND ND ND ND ND ND ND ND ND ND ND ND ND N	0.182 0.182 0.182 0.182 0.182 0.182 0.182	ug/kg ug/kg ug/kg ug/kg ug/kg O.182	1 1 1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW8240 - Volat yte : 1,1,1-Trichlord ank : Method Blank					
0/03/94	BLK944177	MSMSDB41003194901	ND	1.58	ug/kg	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC = 1.58	
Anal	hod : SW8240 - Volat yte : 1,1,1-Trichlord ank : Trip Blank					
0/04/94	G94-TB-11	MSMSDB41003194901	ND	1.58	ug/kg	1
.0/04/94	G94-TB-09	MSMSDB41003194901	ND 	1.58	ug/kg	1
	Total Number of Bla Total Number above	anks = 2 Detection Limit = 0		ration Range: Detection Limit =	NC = 1.58	
Anal	hod : SW8240 - Volat yte : 1,1,2,2-Tetrack ank : Equipment Blank	nloroethane				
Anal Type of Bl	yte : 1,1,2,2-Tetrack ank : Equipment Blank	nloroethane	ND	4.29	ug/kg	1
Anal	yte : 1,1,2,2-Tetrack ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla	MSMSDB41003194901	Concent	4.29 ration Range: Detection Limit =	NC NC	1
Anal Type of Bl 10/04/94 Met Anal	yte : 1,1,2,2-Tetrack ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla	MSMSDB41003194901 anks = 1 Detection Limit = 0	Concent	 ration Range:	NC NC	1
Anal Type of Bl 0/04/94 Met Anal Type of Bl	yte: 1,1,2,2-Tetrack ank: Equipment Blank G94-P0-SS-02-EB Total Number of Blank Total Number above hod: SW8240 - Volative: 1,1,2,2-Tetrack	MSMSDB41003194901 anks = 1 Detection Limit = 0	Concent	 ration Range:	NC NC	1
Anal Type of Bl 10/04/94 Met Anal Type of Bl	yte : 1,1,2,2-Tetrack ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank Total Number above hod : SW8240 - Volati yte : 1,1,2,2-Tetrack ank : Method Blank BLK944177 Total Number of Blank	MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics nloroethane MSMSDB41003194901	Concent Maximum ND Concent		NC = 4.29 ug/kg NC	
Anal Type of Bl L0/04/94 Met Anal Type of Bl L0/03/94 Met Anal	yte : 1,1,2,2-Tetrack ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank Total Number above hod : SW8240 - Volati yte : 1,1,2,2-Tetrack ank : Method Blank BLK944177 Total Number of Blank	MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics nloroethane MSMSDB41003194901 anks = 1 Detection Limit = 0	Concent Maximum ND Concent	ration Range: Detection Limit = 4.29 ration Range:	NC = 4.29 ug/kg NC	
Anal Type of B1 10/04/94 Met Anal Type of B1 10/03/94 Met Anal Type of B1	yte: 1,1,2,2-Tetrack ank: Equipment Blank G94-PO-SS-02-EB Total Number of Bla Total Number above hod: SW8240 - Volati yte: 1,1,2,2-Tetrack ank: Method Blank BLK944177 Total Number of Bla Total Number above hod: SW8240 - Volati yte: 1,1,2,2-Tetrack ank: Trip Blank G94-TB-11	MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics aloroethane MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics and and and and and and and and and and	Concent Maximum ND Concent	4.29 ration Range: Detection Limit =	ug/kg NC = 4.29	1
Anal Type of Bl 10/04/94 Met Anal Type of Bl 10/03/94 Met Anal Type of Bl	yte: 1,1,2,2-Tetracking and Equipment Blank G94-P0-SS-02-EB Total Number of Blate Total Number above hod: SW8240 - Volate yte: 1,1,2,2-Tetracking and EME Method Blank BLK944177 Total Number of Blate Total Number above hod: SW8240 - Volate yte: 1,1,2,2-Tetracking and Emericant yte: 1,1,2,2-Tetracking and Emericant yte: 1,1,2,2-Tetracking and Emericant Holds a	MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics aloroethane MSMSDB41003194901 anks = 1 Detection Limit = 0	Concent Maximum ND Concent Maximum	ration Range: Detection Limit = 4.29 ration Range: Detection Limit =	ug/kg NC NC NC 4.29	1

	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR

Met	hod : SW8240 - Volatile	e Organics				
Anal	yte : 1,1,2-Trichloroet					
Type of Bl	ank : Equipment Blank					
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	1.29	ug/kg	1
	Total Number of Blank	s = 1	Concentr	ration Range:	NC	
	Total Number above De	etection Limit = 0	Maximum	Detection Limit =	1.29	
Ma+	had . 51/9240 - 1/a-1-4-1-	Outrania				
	hod : SW8240 - Volatile yte : 1,1,2-Trichloroet					
	ank : Method Blank	-				
10/03/94	BLK944177	MSMSDB41003194901	ND	1.29	ug/kg	1
	Total Number of Blank	s = 1	Concentr	ation Range:	NC	
	Total Number above De	tection Limit = 0		Detection Limit =	1.29	
Analy	nod : SW8240 - Volatile yte : 1,1,2-Trichloroet ank : Trip Blank					
Analy	yte : 1,1,2-Trichloroet		ND ND	1.29 1.29	ug/kg ug/kg	1 1
Analy Type of Bla	yte : 1,1,2-Trichloroet ank : Trip Blank 694-TB-09	MSMSDB41003194901 MSMSDB41003194901	ND	1.29	ug/kg	
Analy Type of Bla	yte : 1,1,2-Trichloroet ank : Trip Blank G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901 s = 2	ND Concentr			1
Analy Type of Bla 10/04/94 10/04/94	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0	ND Concentr	1.29 ation Range:	ug/kg NC	1
Analy Type of Bla 10/04/94 10/04/94 	yte : 1,1,2-Trichloroet ank : Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De	MSMSDB41003194901 MSMSDB41003194901s = 2 tection Limit = 0 Organics	ND Concentr	1.29 ation Range:	ug/kg NC	1
Analy Type of Bla 10/04/94 10/04/94 Meth	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De	MSMSDB41003194901 MSMSDB41003194901s = 2 tection Limit = 0 Organics	ND Concentr	1.29 ation Range:	ug/kg NC	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Type of Bla	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethan ank: Equipment Blank 694-P0-SS-02-EB	MSMSDB41003194901 MSMSDB41003194901s = 2 tection Limit = 0 Organics e MSMSDB41003194901	ND Concentr Maximum ND	1.29 ration Range: Detection Limit =	ug/kg NC 1.29	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Type of Bla	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethan ank: Equipment Blank 694-P0-SS-02-EB	MSMSDB41003194901 MSMSDB41003194901	ND Concentr Maximum ND	1.29 	ug/kg NC 1.29	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Type of Bla	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethan ank: Equipment Blank 694-P0-SS-02-EB	MSMSDB41003194901 MSMSDB41003194901	ND Concentr Maximum ND Concentr	1.29 ation Range: Detection Limit =	ug/kg NC 1.29 ug/kg	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Type of Bla	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethan ank: Equipment Blank 694-P0-SS-02-EB	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics e MSMSDB41003194901 s = 1 tection Limit = 0	ND Concentr Maximum ND Concentr	1.29	ug/kg NC 1.29 ug/kg	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Meth Analy	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethan ank: Equipment Blank 694-P0-SS-02-EB Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethan	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics e MSMSDB41003194901 s = 1 tection Limit = 0	ND Concentr Maximum ND Concentr	1.29	ug/kg NC 1.29 ug/kg	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Meth Analy	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethan ank: Equipment Blank 694-P0-SS-02-EB Total Number of Blank Total Number above De	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics e MSMSDB41003194901 s = 1 tection Limit = 0	ND Concentr Maximum ND Concentr	1.29	ug/kg NC 1.29 ug/kg	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Type of Bla Meth Analy Type of Bla	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethane ank: Equipment Blank 694-P0-SS-02-EB Total Number of Blank: Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethane ank: Method Blank BLK944177	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics e MSMSDB41003194901 s = 1 tection Limit = 0 Organics	ND Concentr Maximum ND Concentr Maximum	1.29	ug/kg NC 1.29 Ug/kg NC 1.45	1
Analy Type of Bla 10/04/94 10/04/94 Meth Analy Type of Bla Meth Analy Type of Bla	yte: 1,1,2-Trichloroet ank: Trip Blank 694-TB-09 694-TB-11 Total Number of Blank Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethane ank: Equipment Blank 694-P0-SS-02-EB Total Number of Blank: Total Number above De nod: SW8240 - Volatile yte: 1,1-Dichloroethane ank: Method Blank BLK944177	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics e MSMSDB41003194901 s = 1 tection Limit = 0 Organics e MSMSDB41003194901 s = 1	ND Concentr Maximum Concentr Maximum ND Concentr	1.29	ug/kg NC 1.29 NC 1.45	1

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Analy	nod : SW8240 - Volatile /te : 1,1-Dichloroethan unk : Trip Blank					
10/04/94 10/04/94	G94-TB-11 G94-TB-09	MSMSDB41003194901 MSMSDB41003194901	ND ND	1.45 1.45	ug/kg	1 1
	Total Number of Blank: Total Number above De	s = 2	Concent	ration Range: Detection Limit =	NC	
Analy	nod : SW8240 - Volatile vte : 1,1-Dichloroethen nk : Equipment Blank					
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	2.17	ug/kg	1
	Total Number of Blank: Total Number above De	s = 1	Concent		NC 2.17	
	nod : SW8240 - Volatile					
Analy Type of Bla	rte : 1,1-Dichloroethene nk : Method Blank		ND	2.17	**3/ **3	1
Analy Type of Bla	rte : 1,1-Dichloroethene nk : Method Blank	MSMSDB41003194901 s = 1	Concent		NC	1
Analy Type of Bla 10/03/94 Meth Analy	rte : 1,1-Dichloroethene nk : Method Blank BLK944177 Total Number of Blanks	MSMSDB41003194901s = 1 tection Limit = 0 Organics	Concent	ration Range:	NC	1
Analy Type of Bla 10/03/94 Meth Analy Type of Bla	rte : 1,1-Dichloroethene unk : Method Blank BLK944177 Total Number of Blanks Total Number above Def and : SW8240 - Volatile rte : 1,1-Dichloroethene	MSMSDB41003194901s = 1 tection Limit = 0 Organics	Concent	ration Range:	NC	1 1
Analy Type of Bla 10/03/94 Meth Analy Type of Bla	rte : 1,1-Dichloroethene ink : Method Blank BLK944177 Total Number of Blanks Total Number above Def rod : SW8240 - Volatile rte : 1,1-Dichloroethene ink : Trip Blank G94-TB-11	MSMSDB41003194901 s = 1 tection Limit = 0 Organics e MSMSDB41003194901 MSMSDB41003194901 s = 2	Concent Maximum ND ND	ration Range: Detection Limit =	NC 2.17 ug/kg ug/kg	1
Analy Type of Bla 10/03/94 Meth Analy Type of Bla 10/04/94 10/04/94 Meth Analy	rte : 1,1-Dichloroethene ink : Method Blank BLK944177 Total Number of Blanks Total Number above Detected in the second of the	MSMSDB41003194901 s = 1 tection Limit = 0 Organics e MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics	Concent Maximum ND ND	2.17 2.17 2.17 cration Range:	NC 2.17 ug/kg ug/kg	1
Analy Type of Bla 10/03/94 Meth Analy Type of Bla 10/04/94 10/04/94 Meth Analy	rte : 1,1-Dichloroethene ink : Method Blank BLK944177 Total Number of Blanks Total Number above Defined : SW8240 - Volatile rte : 1,1-Dichloroethene ink : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blanks Total Number above Defined : SW8240 - Volatile rte : 1,2-Dichloroethane	MSMSDB41003194901 s = 1 tection Limit = 0 Organics e MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics	Concent Maximum ND ND	2.17 2.17 2.17 cration Range:	NC 2.17 ug/kg ug/kg	1

ND = Not Detected NC = Not Calculable

* - Value considered suspect, refer to QC report

Compiled: 21 March 1995

NA = Not Applicable

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
Anal	thod : SW8240 - Volati lyte : 1,2-Dichloroeth lank : Method Blank	_				
.0/03/94	BLK944177	MSMSDB41003194901	ND	1.47	ug/kg	1
	Total Number of Bla Total Number above	nks = 1 Detection Limit = 0		ration Range: Detection Limit	NC = 1.47	
Anal	hod : SW8240 - Volati yte : 1,2-Dichloroeth ank : Trip Blank	_				
0/04/94	G94-TB-11 G94-TB-09	MSMSDB41003194901 MSMSDB41003194901	ND ND	1.47 1.47	ug/kg ug/kg	1 1
	Total Number of Bla Total Number above	- · · · · -		ration Range: Detection Limit	NC = 1.47	
	hod : SW8240 - Volati	=				
Anal	hod : SW8240 - Volati yte : 1,2-Dichloropro ank : Equipment Blank	pane				
Anal	yte : 1,2-Dichloropro	MSMSDB41003194901 nks = 1		2.22 ation Range: Detection Limit	ug/kg NC = 2.22	1
Anal ype of Bl 0/04/94 Met Anal ype of Bl	yte : 1,2-Dichloropro ank : Equipment Blank 694-P0-SS-02-EB Total Number of Bla	msmsDB41003194901 nks = 1 Detection Limit = 0 le Organics	Concentr	ation Range: Detection Limit	NC = 2.22	
Anal ype of Bl 0/04/94 Met Anal ype of Bl	yte: 1,2-Dichloropro ank: Equipment Blank 694-PO-SS-O2-EB Total Number of Bla Total Number above hod: SW8240 - Volati yte: 1,2-Dichloropro ank: Method Blank	MSMSDB41003194901 nks = 1 Detection Limit = 0 le Organics pane MSMSDB41003194901	Concentr Maximum ND Concentr	ation Range: Detection Limit	NC = 2.22 ug/kg	1
Anal ype of Bl 0/04/94 Met Anal ype of Bl 0/03/94 Metl Anal	yte : 1,2-Dichloropro ank : Equipment Blank 694-PO-SS-O2-EB Total Number of Bla Total Number above hod : SW8240 - Volati yte : 1,2-Dichloropro ank : Method Blank BLK944177 Total Number of Blan	MSMSDB41003194901 nks = 1 Detection Limit = 0 le Organics pane MSMSDB41003194901 nks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit: 2.22 ation Range:	NC = 2.22 ug/kg	
Anal ype of Bl 0/04/94 Met Anal ype of Bl 0/03/94 Metl Anal	yte : 1,2-Dichloropro ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla Total Number above hod : SW8240 - Volati yte : 1,2-Dichloropro ank : Method Blank BLK944177 Total Number of Blan Total Number above I	MSMSDB41003194901 nks = 1 Detection Limit = 0 le Organics pane MSMSDB41003194901 nks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit: 2.22 ation Range:	ug/kg	

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8240 - Volatile yte : 2-Chloroethyl vin ank : Equipment Blank					
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	2.42	ug/kg	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 2.42	
Anal	hod : SW8240 - Volatile yte : 2-Chloroethyl vin ank : Method Blank					
10/03/94	BLK944177	MSMSDB41003194901	ND	2.42	ug/kg	1
	Total Number of Blank Total Number above De		Concent		NC 2.42	
Anal Type of Bl 10/04/94	hod : SW8240 - Volatile yte : 2-Chloroethyl vin ank : Trip Blank G94-TB-09	yl ether MSMSDB41003194901	ND NO	2.42	ug/kg	1
10/04/94 	G94-TB-11 Total Number of Blank Total Number above De	-		2.42 ration Range: Detection Limit =	ug/kg NC 2.42	1
	hod : SW8240 - Volatile	Organics				
Ana1	yte : 2-Hexanone ank : Equipment Blank					
Anal Type of Bl	yte : 2-Hexanone ank : Equipment Blank	MSMSDB41003194901	ND	0.811	ug/kg	1
Anal Type of Bl	yte : 2-Hexanone ank : Equipment Blank	s = 1	Concent	0.811 ration Range: Detection Limit =	NC	1
Anal Type of Bl 10/04/94 Met Anal	yte : 2-Hexanone ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	s = 1 tection Limit = 0	Concent	ration Range:	NC	1
Anal Type of Bl 10/04/94 Met Anal	yte : 2-Hexanone ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : 2-Hexanone ank : Method Blank	s = 1 tection Limit = 0 Organics MSMSDB41003194901	Concenti Maximum	ration Range: Detection Limit =	NC 0.811 ug/kg	1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8240 - Volatile yte : 2-Hexanone ank : Trip Blank	Organics				
	G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901	ND ND	0.811 0.811	ug/kg ug/kg	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.811	· · · · · · · · · · · · · · · · · · ·
Anal	hod : SW8240 - Volatile yte : 4-Methyl-2-Pentan ank : Equipment Blank	•				
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	0.774	ug/kg	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =	NC 0.774	
Met	hod : SW8240 - Volatile	Organics				
Type of Bl	yte : 4-Methyl-2-Pentan ank : Method Blank BLK944177	one(MIBK) MSMSDB41003194901	ND	0.774	ug/kg	1
Type of Bl	ank : Method Blank	MSMSDB41003194901 s = 1	Concentr	0.774 ation Range: Detection Limit =	NC	1
Type of Bl 10/03/94 Met Anal	ank : Method Blank BLK944177 Total Number of Blank:	MSMSDB41003194901 s = 1 tection Limit = 0 Organics	Concentr	ation Range:	NC	1
Met Anal Type of B1	ank : Method Blank BLK944177 Total Number of Blank: Total Number above Dethod : SW8240 - Volatile yte : 4-Methyl-2-Pentane ank : Trip Blank G94-TB-11 G94-TB-09	MSMSDB41003194901 s = 1 tection Limit = 0 Organics one(MIBK) MSMSDB41003194901 MSMSDB41003194901	Concentr	ation Range:	NC	1 1
Met Anal Type of B1	ank : Method Blank BLK944177 Total Number of Blank: Total Number above Dethod : SW8240 - Volatile yte : 4-Methyl-2-Pentand ank : Trip Blank G94-TB-11	MSMSDB41003194901 s = 1 tection Limit = 0 Organics one(MIBK) MSMSDB41003194901 MSMSDB41003194901 s = 2	Concentr Maximum ND ND	ation Range: Detection Limit =	NC 0.774 ug/kg ug/kg	1
Met Anal 10/04/94 10/04/94 Met Anal Met Anal	ank : Method Blank BLK944177 Total Number of Blank: Total Number above Dethod : SW8240 - Volatile yte : 4-Methyl-2-Pentance ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blanks	MSMSDB41003194901 s = 1 tection Limit = 0 Organics one(MIBK) MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0	Concentr Maximum ND ND	ation Range: Detection Limit = 0.774 0.774 ation Range:	NC 0.774 ug/kg ug/kg	1
Met Anal 10/04/94 10/04/94 Met Anal Met Anal	ank : Method Blank BLK944177 Total Number of Blank: Total Number above Dethod : SW8240 - Volatile yte : 4-Methyl-2-Pentance ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank: Total Number above Dethod : SW8240 - Volatile yte : Acetone ank : Equipment Blank	MSMSDB41003194901 s = 1 tection Limit = 0 Organics one(MIBK) MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics	Concentr Maximum ND ND Concentr Maximum	ation Range: Detection Limit = 0.774 0.774 ation Range:	NC 0.774 ug/kg ug/kg NC 0.774	1 1

ND = Not Detected

NC = Not Calculable

NA = Not Applicable

ANALYZED	SAMPLE ID		BATCH ID	RESULT	DETECTION LIMIT	UNITS	
Analy	nod : SW8240 - yte : Acetone ank : Method B		anics				
0/03/94					1.27	ug/kg	1
	Total Number	of Blanks =	l ion Limit = 1	Concentr	ration Range: Detection Limit =		7.85
Analy	nod : SW8240 - vte : Acetone ank : Trip Bla		anics				
	G94-TB-09 G94-TB-11		MSMSDB41003194901 MSMSDB41003194901	27.1 27.0			1 1
		of Blanks = 3	2 ion Limit = 2		ration Range: Detection Limit =		27.1
Analy ype of Bla	nod : SW8240 - /te : Benzene ank : Equipmen G94-P0-SS-0	t Blank	mnics MSMSDB41003194901	ND	1.46	ug/kg	1
Analy Type of Bla	yte : Benzene ank : Equipmen G94-P0-SS-0 Total Number	t Blank 2-EB of Blanks = 1	MSMSDB41003194901	Concentr		NC	1
Analy Type of Bla 10/04/94 Meth Analy	yte : Benzene ank : Equipmen G94-P0-SS-0 Total Number	t Blank 2-EB of Blanks = : above Detect Volatile Orga	MSMSDB41003194901 	Concentr	ration Range:	NC	1
Analy ype of Bla 0/04/94 Meth Analy ype of Bla	yte : Benzene ank : Equipmen G94-P0-SS-0 Total Number Total Number nod : SW8240 - yte : Benzene ank : Method B	t Blank 2-EB of Blanks = 1 above Detect Volatile Organiank	MSMSDB41003194901 	Concentr Maximum	ration Range:	NC 1.46	1
Analy Type of Bla .0/04/94 Meth Analy Type of Bla	yte : Benzene ank : Equipmen G94-P0-SS-0 Total Number Total Number and : SW8240 - yte : Benzene ank : Method B BLK944177 Total Number	t Blank 2-EB of Blanks = 1 above Detect Volatile Organiank	MSMSDB41003194901 1 ion Limit = 0 anics MSMSDB41003194901	Concentr Maximum ND Concentr	ration Range: Detection Limit =	NC 1.46 ug/kg	
Analy Type of Bla Meth Analy Type of Bla Meth Analy	yte : Benzene ank : Equipmen G94-P0-SS-0 Total Number Total Number and : SW8240 - yte : Benzene ank : Method B BLK944177 Total Number	t Blank 2-EB of Blanks = : above Detect Volatile Organiank of Blanks = : above Detect	MSMSDB41003194901 ion Limit = 0 anics MSMSDB41003194901 ion Limit = 0	Concentr Maximum ND Concentr	ration Range: Detection Limit = 1.46 ration Range:	NC 1.46 ug/kg	
Analy Type of Bla Meth Analy Type of Bla Meth Analy Type of Bla	yte : Benzene ank : Equipmen G94-P0-SS-0 Total Number t Blank 2-EB of Blanks = above Detect Volatile Orgaliank of Blanks = above Detect Volatile Organia	MSMSDB41003194901 ion Limit = 0 anics MSMSDB41003194901 ion Limit = 0	Concentr Maximum ND Concentr	ration Range: Detection Limit = 1.46 ration Range:	NC 1.46 ug/kg NC 1.46		

VNIVIAL	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID 	RESULT	LIMIT	UNITS	FACTOR
Anal	<pre>chod : SW8240 - Volatile yte : Bromodichlorometh ank : Equipment Blank</pre>					
10/04/94		MSMSDB41003194901	ND	1.38	ug/kg	1
	Total Number of Blank Total Number above De	(s = 1	Concent	ration Range: Detection Limit =	NC 1.38	
Anal	hod : SW8240 - Volatile yte : Bromodichlorometh ank : Method Blank	_				
10/03/94	BLK944177	MSMSDB41003194901	ND	1.38	ug/kg	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 1.38	
	1 1 01/00/40 1/3 / 1/3					
Anal ype of Bl 0/04/94	hod : SW8240 - Volatile yte : Bromodichlorometh ank : Trip Blank G94-TB-11 G94-TB-09	_	ND ND	1.38 1.38	ug/kg ug/kg	1 1
Anal Type of Bl 10/04/94	yte : Bromodichlorometh ank : Trip Blank G94-TB-11	MSMSDB41003194901 MSMSDB41003194901 s = 2	ND Concentr			
Anal Type of Bl 10/04/94 10/04/94 Met Anal	yte : Bromodichlorometh ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0	ND Concentr	1.38 ration Range:	ug/kg NC	
Anal Type of Bl 0/04/94 0/04/94 Met Anal Type of Bl	yte : Bromodichlorometh ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Bromomethane	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0	ND Concentr Maximum	1.38 ration Range:	ug/kg NC 1.38	1
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl	yte : Bromodichlorometh ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Bromomethane ank : Equipment Blank	MSMSDB41003194901 MSMSDB41003194901 	ND Concentr Maximum ND Concentr	1.38 ration Range: Detection Limit =	ug/kg NC 1.38 ug/kg	1
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl 10/04/94 Meth Anal	yte : Bromodichlorometh ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Bromomethane ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics MSMSDB41003194901 s = 1 tection Limit = 0	ND Concentr Maximum ND Concentr	1.38 ration Range: Detection Limit = 1.70	ug/kg NC 1.38 ug/kg	1
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl 10/04/94 Meth Anal	yte : Bromodichlorometh ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Bromomethane ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Bromomethane ank : Method Blank	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics MSMSDB41003194901 s = 1 tection Limit = 0	ND Concentr Maximum ND Concentr Maximum	1.38 ration Range: Detection Limit = 1.70	ug/kg NC 1.38 ug/kg NC 1.70	1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Met	hod : SW8240 - Volatil	e Organics	# # P. T. T.			
	yte : Bromomethane ank : Trip Blank					
10/04/94 10/04/94		MSMSDB41003194901 MSMSDB41003194901	ND ND	1.70 1.70	ug/kg ug/kg	1 1
	Total Number of Blan Total Number above D			ation Range: Detection Limit =		
Anal	hod : SW8240 - Volatil yte : Carbon disulfide ank : Equipment Blank					
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	2.19	ug/kg	1
	Total Number of Blan Total Number above D			ation Range: Detection Limit =	NC 2.19	
Analy Type of Bla	hod : SW8240 - Volatil yte : Carbon disulfide ank : Method Blank BLK944177		ND	2.19	ug/kg	1
Analy Type of Bla	yte : Carbon disulfide ank : Method Blank	MSMSDB41003194901 ks = 1	Concentr	2.19 ation Range: Detection Limit =	NC NC	
Analy Type of Bla 10/03/94 Meth Analy	yte : Carbon disulfide ank : Method Blank BLK944177 Total Number of Blan	MSMSDB41003194901 ks = 1 etection Limit = 0	Concentr	ation Range:	NC NC	
Analy Type of Bla 10/03/94 Meth Analy Type of Bla	yte : Carbon disulfide ank : Method Blank BLK944177 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Carbon disulfide ank : Trip Blank G94-TB-09	MSMSDB41003194901 ks = 1 etection Limit = 0	Concentr	ation Range:	NC 2.19 ug/kg ug/kg	
Analy Type of Bla 10/03/94 Meth Analy Type of Bla	yte : Carbon disulfide ank : Method Blank BLK944177 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Carbon disulfide ank : Trip Blank G94-TB-09	MSMSDB41003194901 ks = 1 etection Limit = 0 e Organics MSMSDB41003194901 MSMSDB41003194901	Concentr Maximum ND ND	ation Range: Detection Limit =	NC 2.19 ug/kg ug/kg	1
Analy Type of Bla 10/03/94 Meth Analy Type of Bla 10/04/94 10/04/94 Meth Analy	yte : Carbon disulfide ank : Method Blank BLK944177 Total Number of Blank Total Number above Di hod : SW8240 - Volatile yte : Carbon disulfide ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blank	MSMSDB41003194901 ks = 1 etection Limit = 0 e Organics MSMSDB41003194901 MSMSDB41003194901 cs = 2 etection Limit = 0	Concentr Maximum ND ND	ation Range: Detection Limit = 2.19 2.19 2.19	NC 2.19 ug/kg ug/kg	1
Analy Type of Bla 10/03/94 Meth Analy Type of Bla 10/04/94 10/04/94 Meth Analy	yte : Carbon disulfide ank : Method Blank BLK944177 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Carbon disulfide ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Carbon tetrachlor	MSMSDB41003194901 ks = 1 etection Limit = 0 e Organics MSMSDB41003194901 MSMSDB41003194901 cs = 2 etection Limit = 0	Concentr Maximum ND ND	ation Range: Detection Limit = 2.19 2.19 2.19	NC 2.19 ug/kg ug/kg NC 2.19	1

NA = Not Applicable

A 11 A 1 1/7 CD	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Ana [°]	thod : SW8240 - Volat lyte : Carbon tetrach lank : Method Blank					
0/03/94	BLK944177	MSMSDB41003194901	ND	1.69	ug/kg	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 1.69	
Anal	thod : SW8240 - Volat lyte : Carbon tetrach lank : Trip Blank	<u> </u>				
0/04/94 0/04/94	G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901	ND ND	1.69 · 1.69	ug/kg ug/kg	1 1
	Total Number of Bla Total Number above	anks = 2 Detection Limit = 0		ration Range: Detection Limit =	NC 1.69	
Anal	thod: SW8240 - Volat yte: Chlorobenzene ank: Equipment Blank	(
Anal ype of Bl	yte : Chlorobenzene ank : Equipment Blani G94-PO-SS-02-EB Total Number of Bla	MSMSDB41003194901		3.93 ration Range: Detection Limit =	ug/kg NC 3.93	1
Anal ype of Bl 0/04/94 Met Anal ype of Bl	yte : Chlorobenzene ank : Equipment Blani G94-PO-SS-02-EB Total Number of Bla Total Number above thod : SW8240 - Volati yte : Chlorobenzene ank : Method Blank	MSMSDB41003194901 anks = 1 Detection Limit = 0 The Organics	Concentr Maximum	ration Range: Detection Limit =	NC 3.93	1
Anal /pe of Bl //04/94 Met Anal /pe of Bl	yte : Chlorobenzene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla Total Number above Chod : SW8240 - Volati yte : Chlorobenzene ank : Method Blank BLK944177	MSMSDB41003194901 anks = 1 Detection Limit = 0 The Organics MSMSDB41003194901	Concentr Maximum ND	ration Range: Detection Limit =	NC 3.93 ug/kg	1
Anal ype of Bl 0/04/94 Met Anal ype of Bl	yte : Chlorobenzene ank : Equipment Blank G94-PO-SS-O2-EB Total Number of Bla Total Number above Chod : SW8240 - Volati yte : Chlorobenzene ank : Method Blank BLK944177 Total Number of Bla	MSMSDB41003194901 anks = 1 Detection Limit = 0 The Organics MSMSDB41003194901	Concentr Maximum ND Concentr	ration Range: Detection Limit =	NC 3.93 ug/kg NC	
Anal ype of Bl 0/04/94 Met Anal ype of Bl 0/03/94 Met Anal	yte : Chlorobenzene ank : Equipment Blank G94-PO-SS-O2-EB Total Number of Bla Total Number above Chod : SW8240 - Volati yte : Chlorobenzene ank : Method Blank BLK944177 Total Number of Bla	MSMSDB41003194901 anks = 1 Detection Limit = 0 Alle Organics MSMSDB41003194901 anks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit = 3.93 ation Range:	NC 3.93 ug/kg NC	
Anal ype of Bl 0/04/94 Met Anal ype of Bl 0/03/94 Met Anal	yte: Chlorobenzene ank: Equipment Blank G94-P0-SS-02-EB Total Number of Bla Total Number above Chod: SW8240 - Volati yte: Chlorobenzene ank: Method Blank BLK944177 Total Number of Bla Total Number above hod: SW8240 - Volati yte: Chlorobenzene ank: Trip Blank G94-TB-09 G94-TB-11	MSMSDB41003194901 anks = 1 Detection Limit = 0 Alle Organics MSMSDB41003194901 anks = 1 Detection Limit = 0	Concentr Maximum ND Concentr Maximum	ation Range: Detection Limit = 3.93 ation Range:	NC 3.93 ug/kg NC 3.93	

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	10					
Mo+	hod : SW8240 - Volatil	e Organics				
	yte : Chloroethane	e organica				
	ank : Equipment Blank				•	
0/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	1.73	ug/kg	1
	Total Number of Blan			ration Range:	NC	
	Total Number above D	etection Limit = 0	Maximum	Detection Limit	= 1.73	
Anal	hod : SW8240 - Volatil yte : Chloroethane ank : Method Blank	e Organics				
10/03/94	BLK944177	MSMSDB41003194901	ND	1.73	ug/kg	1
	Total Number of Blan Total Number above D			ration Range:	NC = 1.73	
Anal	hod : SW8240 - Volatil	e Organics				
Anal Type of Bl LO/04/94	yte : Chloroethane ank : Trip Blank G94-TB-09	e Organics MSMSDB41003194901 MSMSDB41003194901	ND ND	1.73 1.73	ug/kg ug/kg	1 1
Anal Type of Bl LO/04/94	yte : Chloroethane ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blan	MSMSDB41003194901 MSMSDB41003194901	ND Concent	1.73 ration Range:	ug/kg NC	
Anal Type of Bl LO/04/94	yte : Chloroethane ank : Trip Blank G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901	ND Concent	1.73	ug/kg NC	
Anal Type of Bl 10/04/94 10/04/94 Met Anal	yte : Chloroethane ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blan	MSMSDB41003194901 MSMSDB41003194901 ks = 2 etection Limit = 0	ND Concent	1.73 ration Range:	ug/kg NC	
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl	yte : Chloroethane ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blank Total Number above Deliver in the control of	MSMSDB41003194901 MSMSDB41003194901 ks = 2 etection Limit = 0 e Organics MSMSDB41003194901	ND Concent Maximum	1.73 ration Range: Detection Limit	ug/kg NC	1
Anal Type of B1 10/04/94 10/04/94 Met Anal Type of B1	yte : Chloroethane ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blank Total Number above Deliver in the control of	MSMSDB41003194901 MSMSDB41003194901 	ND Concent Maximum ND Concent	1.73 ration Range: Detection Limit	ug/kg NC = 1.73 ug/kg NC	1
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl 10/04/94 Met Anal	yte : Chloroethane ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blank Total Number above Deliver in the control of	MSMSDB41003194901 MSMSDB41003194901 ks = 2 etection Limit = 0 e Organics MSMSDB41003194901 ks = 1 etection Limit = 0	ND Concent Maximum ND Concent	1.73 ration Range: Detection Limit 1.77 ration Range:	ug/kg NC = 1.73 ug/kg NC	1
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl Met Anal Type of Bl	yte : Chloroethane ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blank Total Number above Deliver : Chloroform ank : Equipment Blank G94-P0-SS-02-EB Total Number of Blank Total Number of Blank O94-P0-SS-02-EB Total Number of Blank Total Number above Deliver in Sweet Blank Total Number above Deliver in Sweet Blank Method : Sweet Blank	MSMSDB41003194901 MSMSDB41003194901 ks = 2 etection Limit = 0 e Organics MSMSDB41003194901 ks = 1 etection Limit = 0	ND Concent Maximum ND Concent Maximum	1.73 ration Range: Detection Limit 1.77 ration Range:	ug/kg NC = 1.73 ug/kg NC NC 1.77	1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8240 - Volatile yte : Chloroform ank : Trip Blank	e Organics				
.0/04/94 .0/04/94	G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901	ND ND	1.77 1.77	ug/kg ug/kg	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =		
Anal	hod : SW8240 - Volatile yte : Chloromethane ank : Equipment Blank	e Organics				
0/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	2.06	·ug/kg	1
	Total Number of Blank Total Number above De			ation Range: Detection Limit =		
Analy ype of Bla	hod : SW8240 - Volatile yte : Chloromethane ank : Method Blank					
Analy ype of Bla	yte : Chloromethane ank : Method Blank BLK944177	MSMSDB41003194901		2.06		1
Analy	yte : Chloromethane ank : Method Blank BLK944177 Total Number of Blank	MSMSDB41003194901	Concentra	2.06 ation Range: Detection Limit =	NC NC	1
Analy ype of Bla 0/03/94 Meth Analy	yte : Chloromethane ank : Method Blank BLK944177 Total Number of Blank	MSMSDB41003194901 s = 1 tection Limit = 0	Concentra	ation Range:	NC NC	1
Analy ype of Bla 0/03/94 Meth Analy	yte : Chloromethane ank : Method Blank BLK944177 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Chloromethane	MSMSDB41003194901 s = 1 tection Limit = 0	Concentra	ation Range:	NC NC	1
Analype of Blace 0/03/94 Meth Analy ype of Blace 0/04/94	yte : Chloromethane ank : Method Blank BLK944177 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Chloromethane ank : Trip Blank G94-TB-11	MSMSDB41003194901 .s = 1 .tection Limit = 0 .Organics MSMSDB41003194901 MSMSDB41003194901 .s = 2	Concentra Maximum I ND ND	ation Range: Detection Limit =	NC 2.06 ug/kg	1
Analy Type of Bla 0/03/94 Meth Analy Type of Bla 0/04/94 0/04/94 Meth Analy	yte : Chloromethane ank : Method Blank BLK944177 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Chloromethane ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank	MSMSDB41003194901 as = 1 atection Limit = 0 Organics MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics	Concentra Maximum I ND ND	ation Range: Detection Limit = 2.06 2.06 ation Range:	NC 2.06 ug/kg ug/kg	1
Analy Type of Bla 0/03/94 Meth Analy Type of Bla 0/04/94 0/04/94 Meth Analy	yte : Chloromethane ank : Method Blank BLK944177 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Chloromethane ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Dibromochloromethane ank : Equipment Blank	MSMSDB41003194901 as = 1 atection Limit = 0 Organics MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0 Organics	Concentra Maximum I ND ND	ation Range: Detection Limit = 2.06 2.06 ation Range:	NC 2.06 ug/kg ug/kg NC 2.06	1

Compiled: 21 March 1995 ND = Not Detected NC = Not Calculable

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
						
Anal	hod : SW8240 - Volat yte : Dibromochlorom ank : Method Blank					
10/03/94	BLK944177	MSMSDB41003194901	ND	1.55	ug/kg	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range:	NC 1.55	
Anal	hod : SW8240 - Volat yte : Dibromochlorom ank : Trip Blank					
10/04/94	G94-TB-11	MSMSDB41003194901	ND	1.55	ug/kg	1
LO/04/94	G94-TB-09	MSMSDB41003194901	ND	1.55	ug/kg 	1
	Total Number of Bl	anks = 2		ration Range:	NC 1.55	
Anal	Total Number above hod : SW8240 - Volat yte : Ethyl benzene ank : Equipment Blan		Maximum	percorion Emile		
Anal	hod : SW8240 - Volat yte : Ethyl benzene	ile Organics	Maximum ND	1.40	ug/kg	1
Anal	hod : SW8240 - Volat yte : Ethyl benzene ank : Equipment Blan G94-P0-SS-02-EB Total Number of Bl	ile Organics k MSMSDB41003194901	ND Concent		ug/kg NC 1.40	1
Anal Type of Bl 10/04/94 Met Anal	hod : SW8240 - Volat yte : Ethyl benzene ank : Equipment Blan G94-P0-SS-02-EB Total Number of Bl	ile Organics k MSMSDB41003194901 anks = 1 Detection Limit = 0	ND Concent	1.40 ration Range:	NC	1
Anal	hod : SW8240 - Volat yte : Ethyl benzene ank : Equipment Blan G94-P0-SS-02-EB 	ile Organics k MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics MSMSDB41003194901	ND Concent Maximum	1.40 ration Range:	NC 1.40	1
Anal Type of Bl 10/04/94 Met Anal	hod : SW8240 - Volat yte : Ethyl benzene ank : Equipment Blan G94-P0-SS-02-EB Total Number of Bl Total Number above hod : SW8240 - Volat yte : Ethyl benzene ank : Method Blank BLK944177 Total Number of Bl	ile Organics k MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics MSMSDB41003194901	ND Concent Maximum ND Concent	1.40 ration Range: n Detection Limit =	NC 1.40 ug/kg	
Anal Type of Bl 10/04/94 Met Anal Type of Bl 10/03/94 Met Anal	hod : SW8240 - Volat yte : Ethyl benzene ank : Equipment Blan G94-P0-SS-02-EB Total Number of Bl Total Number above hod : SW8240 - Volat yte : Ethyl benzene ank : Method Blank BLK944177 Total Number of Bl	ile Organics k MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics MSMSDB41003194901 anks = 1 Detection Limit = 0	ND Concent Maximum ND Concent	1.40 ration Range: Detection Limit = 1.40 1.40 ration Range:	NC 1.40 ug/kg	
Anal Type of Bl Met Anal Type of Bl Motorial Type of Bl	hod : SW8240 - Volat yte : Ethyl benzene ank : Equipment Blan G94-P0-SS-02-EB Total Number of Bl Total Number above hod : SW8240 - Volat yte : Ethyl benzene ank : Method Blank BLK944177 Total Number of Bl Total Number above hod : SW8240 - Volat yte : Ethyl benzene	ile Organics k MSMSDB41003194901 anks = 1 Detection Limit = 0 ile Organics MSMSDB41003194901 anks = 1 Detection Limit = 0	ND Concent Maximum ND Concent	1.40 ration Range: Detection Limit = 1.40 1.40 ration Range:	NC 1.40 ug/kg	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Mo+	hod . SUR240 - Volatile	Onganias				
	hod : SW8240 - Volatile yte : Methyl ethyl keto					
	ank : Equipment Blank					
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	1.29	ug/kg	1
						~~~~~~~
	Total Number of Blank Total Number above De			ation Range: Detection Limit	NC = 1.29	
	Total Number above be	LECTION LIMITE - 0	Maximali	Detection Limit	- 1.29	
₩-±	had . CHOOAD - U-1-±11	Ongonico				
	hod : SW8240 - Volatile yte : Methyl ethyl keto	_				
	ank : Method Blank	·· <del>·</del>				
10/03/94	BLK944177	MSMSDB41003194901	ND	1.29	ug/kg	1
	DENOTTI//	MONODD41000134301		1.63	uy/ ky	
	Total Number of Blank	-		ation Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 1.29	
Met	hod : SW8240 - Volatile	Organics				
	yte : Methyl ethyl keto	ne				
Type of Bla	ank : Trip Blank					
.0/04/94	G94-TB-11	MSMSDB41003194901	3.36	1.29	ug/kg	1
0/04/94	G94-TB-09	MSMSDB41003194901	2.97	1.29	ug/kg	1
	Total Number of Blank	s = 2	Concentra	ation Range:	2.97 -	3.36
	Total Number above De	tection Limit = 2		Detection Limit	= 1.29	
Meti	hod : SW8240 - Volatile	Organics				
	yte : Methylene Chloride	9				
ype of Bla	ank : Equipment Blank					
0/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	1.89 (J)	2.21	ug/kg	1
	Total Number of Blank	· - 1		 ation Range:		
	Total Number above De			ation Range: Detection Limit		1.03
Ma+I	hod : SW8240 - Volatile	Organics				
	yte : Methylene Chloride	- ,				
	ank : Method Blank					
0/02/04	BLK944177	MSMSDB41003194901	1.50 (J)	2.21	ug/kg	1
0/03/94						
		:= 1				
	Total Number of Blanks Total Number above Det	: = 1	Concentra	ation Range: Detection Limit	1.50 -	

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
Anal	hod : SW8240 - Volatile yte : Methylene Chlorio ank : Trip Blank					
10/04/94 10/04/94		MSMSDB41003194901 MSMSDB41003194901	0.990 (J) ND	2.21 2.21	ug/kg ug/kg	1 1
	Total Number of Blank Total Number above De			tion Range:	0.990 -	0.990
Anal	hod : SW8240 - Volatile yte : Styrene ank : Equipment Blank	· Organics				
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	1.37	ug/kg	1
	Total Number of Blank Total Number above De			ion Range:	NC = 1.37	
Anal	hod : SW8240 - Volatile yte : Styrene ank : Method Blank BLK944177	e Organics  MSMSDB41003194901	ND	1.37	ug/kg	1
	Total Number of Blank Total Number above De			ion Range:	NC = 1.37	
	had . \$U8240					
Anal	hod : SW8240 - Volatile yte : Styrene ank : Trip Blank	e Organics				
Anal ype of Bl 0/04/94 0/04/94	yte : Styrene ank : Trip Blank G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901	ND	1.37 1.37	ug/kg	1
Anal ype of Bl 0/04/94 0/04/94	yte : Styrene ank : Trip Blank G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901 	ND Concentrat		ug/kg  NC	1
Anal Type of Bl 0/04/94 0/04/94  Met Anal	yte : Styrene ank : Trip Blank G94-TB-09 G94-TB-11 Total Number of Blank	MSMSDB41003194901 MSMSDB41003194901 as = 2 stection Limit = 0	ND Concentrat	1.37 ion Range:	ug/kg  NC	1
Anal ype of Bl 0/04/94 0/04/94 Met Anal	yte : Styrene ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : Tetrachloroethene ank : Equipment Blank  G94-P0-SS-02-EB	MSMSDB41003194901 MSMSDB41003194901 as = 2 stection Limit = 0	ND Concentrat Maximum De	1.37 ion Range:	ug/kg  NC = 1.37	1

*****	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID 	ID	RESULT	LIMIT	UNITS	FACTOR
	:hod : SW8240 - Volat					
	<pre>yte : Tetrachloroeth ank : Method Blank</pre>	ene				
		W0W070 *** **** **** **** **** **** ****				
10/03/94 	BLK944177	MSMSDB41003194901 	ND	4.02 	ug/kg 	1
	Total Number of Bl			ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit	= 4.02	
Met	hod : SW8240 - Volat	ile Organics				
Anal	yte : Tetrachloroeth	-				
Ahe ot RI	ank : Trip Blank					
.0/04/94	G94-TB-11	MSMSDB41003194901	ND	4.02	ug/kg	1
0/04/94	G94-TB-09	MSMSDB41003194901	ND	4.02	ug/kg 	1
	Total Number of Bla			ation Range:	NC NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit :	= 4.02	
Analy ype of Bla	hod : SW8240 - Volat yte : Toluene ank : Equipment Blank	•				
Anal	hod : SW8240 - Volat [:] yte : Toluene		ND	1.44	ug/kg	1
Analy ype of Bla	hod : SW8240 - Volat yte : Toluene ank : Equipment Blank G94-PO-SS-O2-EB	MSMSDB41003194901				1
Analy	hod : SW8240 - Volat yte : Toluene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla	MSMSDB41003194901	Concentr	1.44 ation Range: Detection Limit =	NC	1
Analy ype of Bla	hod : SW8240 - Volat yte : Toluene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla	MSMSDB41003194901  unks = 1	Concentr	ation Range:	NC	1
Analy ype of Bla  0/04/94  Meth	hod : SW8240 - Volati yte : Toluene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla Total Number above	MSMSDB41003194901 	Concentr	ation Range:	NC	1
Analy ype of Bla  0/04/94   Meth Analy	hod : SW8240 - Volat yte : Toluene ank : Equipment Blank G94-P0-SS-02-EB Total Number of Bla Total Number above	MSMSDB41003194901 	Concentr	ation Range:	NC	1
Analy ype of Bla  0/04/94   Meth  Analy ype of Bla	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Bla Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177	MSMSDB41003194901  unks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901	Concentr Maximum ND	ation Range:	NC = 1.44	1
Analy ype of Bla  0/04/94   Meth  Analy ype of Bla	hod : SW8240 - Volative : Toluene ank : Equipment Blank G94-PO-SS-02-EB Total Number of Bla Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank BLK944177	MSMSDB41003194901  Inks = 1 Detection Limit = 0  The Organics  MSMSDB41003194901	Concentr Maximum ND	ation Range: Detection Limit =	NC = 1.44 ug/kg	
Analy ype of Bla  0/04/94   Meth Analy	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177  Total Number of Blank	MSMSDB41003194901  Inks = 1 Detection Limit = 0  The Organics  MSMSDB41003194901	Concentr Maximum ND Concentr	ation Range: Detection Limit =	NC = 1.44 ug/kg	
Analy ype of Bla  0/04/94  Meth Analy ype of Bla  0/03/94	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Bla Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177  Total Number of Bla Total Number above	MSMSDB41003194901  Inks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901  Inks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit =  1.44  ation Range:	NC = 1.44 ug/kg	
Analy ype of Bla  0/04/94  Meth Analy ype of Bla  0/03/94  Meth Analy	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-PO-SS-O2-EB  Total Number of Bla Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177  Total Number of Bla Total Number above	MSMSDB41003194901  Inks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901  Inks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit =  1.44  ation Range:	NC = 1.44 ug/kg	
Analy ype of Bla  0/04/94  Meth Analy ype of Bla  0/03/94  Meth Analy	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-PO-SS-02-EB  Total Number of Bla Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177  Total Number of Bla Total Number above	MSMSDB41003194901  Inks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901  Inks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit =  1.44  ation Range:	NC = 1.44 ug/kg	
Analy ype of Bla  0/04/94  Meth Analy ype of Bla  0/03/94  Meth Analy	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177  Total Number of Blank Total Number above  nod : SW8240 - Volative : Toluene ank : Trip Blank	MSMSDB41003194901  Inks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901  Inks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit =  1.44  ation Range: Detection Limit =	NC ug/kg	1
Analy ype of Bla  0/04/94  Meth Analy ype of Bla  Meth Analy ype of Bla	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177  Total Number of Blank Total Number above  nod : SW8240 - Volative : Toluene ank : Trip Blank	MSMSDB41003194901  Inks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901  Inks = 1 Detection Limit = 0  le Organics	Concentr Maximum ND Concentr Maximum	ation Range: Detection Limit =  1.44  ation Range:	NC = 1.44 ug/kg	
Analy Type of Bla  0/04/94  Meth Analy ype of Bla  0/03/94  Meth Analy ype of Bla	hod : SW8240 - Volative : Toluene ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above  nod : SW8240 - Volative : Toluene ank : Method Blank  BLK944177  Total Number of Blank Total Number above  nod : SW8240 - Volative : Toluene ank : Toluene ank : Toluene	MSMSDB41003194901  Inks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901  nks = 1 Detection Limit = 0  le Organics  MSMSDB41003194901  MSMSDB41003194901	Concentr Maximum ND Concentr Maximum ND	ation Range: Detection Limit =  1.44  ation Range: Detection Limit =	NC ug/kg  NC 1.44	1

Compiled: 21 March 1995 ND = Not Detected NC = Not Calculable * - Value considered suspect, refer to QC report

NA = Not Applicable

A-1.3-30

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	
Analy	nod : SW8240 - Volatil yte : Tribromomethane( ank : Equipment Blank					
10/04/94		MSMSDB41003194901	ND	1.28		1
	Total Number of Blan Total Number above D		Concenti	ration Range: Detection Limit =	NC	
Analy	nod : SW8240 - Volatil yte : Tribromomethane( ank : Method Blank	_				
10/03/94		MSMSDB41003194901	ND	1.28	ug/kg	1
	Total Number of Blan Total Number above D	ks = 1	Concent	ration Range: Detection Limit =	NC 1.28	
Type of Bla	yte : Tribromomethane( ank : Trip Blank G94-TB-11 G94-TB-09	Bromoform)  MSMSDB41003194901  MSMSDB41003194901	ND ND	1.28 1.28	ug/kg ug/kg	1 1
	Total Number of Blan Total Number above D			ration Range: Detection Limit =	NC 1.28	
Analy	nod : SW8240 - Volatil yte : Trichloroethene ank : Equipment Blank	e Organics			•	
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901		4.11		1
	Total Number of Blan Total Number above D	ks = 1	Concentr	ration Range: Detection Limit =	NC .	
Analy	nod : SW8240 - Volatil yte : Trichloroethene ank : Method Blank	e Organics				
10/03/94		MSMSDB41003194901		4.11	ug/kg 	1

DATE	SAMPLE	BATCH		DETECTION		DILUTION
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
Met	hod : SW8240 - Volatile	Organics				
	yte : Trichloroethene					
Type of BI	ank : Trip Blank					
10/04/94	G94-TB-09	MSMSDB41003194901	ND	4.11	ug/kg	1
10/04/94 	G94-TB-11	MSMSDB41003194901	ND	4.11	ug/kg	1
	Total Number of Blank		Concent	ration Range:	NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 4.11	
<b>8.1</b> . 2						
	hod : SW8240 - Volatile yte : Vinyl Chloride	Urganics				
	ank : Equipment Blank					
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	1.75	ug/kg	1
	Total Number of Blank	s = 1	Concent	ration Range:	NC NC	
	Total Number above De	tection Limit = 0	Maximum	Detection Limit	= 1.75	
Anal	hod : SW8240 - Volatile yte : Vinyl Chloride ank : Method Blank	Organics				
Analg Type of Bla	yte : Vinyl Chloride	Organics MSMSDB41003194901	ND	1.75	ug/kg	1
Analg Type of Bla	yte : Vinyl Chloride ank : Method Blank	MSMSDB41003194901		1.75 	ug/kg  NC	1
Anal	yte : Vinyl Chloride ank : Method Blank BLK944177	MSMSDB41003194901 s = 1	 Concent		NC	1
Anal Type of Bla 10/03/94	yte : Vinyl Chloride ank : Method Blank BLK944177 Total Number of Blanks Total Number above Def	MSMSDB41003194901 s = 1 tection Limit = 0	 Concent	ration Range:	NC NC	1
Analy Type of Bla 10/03/94  Meth Analy	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Def hod : SW8240 - Volatile yte : Vinyl Chloride	MSMSDB41003194901 s = 1 tection Limit = 0	 Concent	ration Range:	NC NC	1
Analy Type of Bla 10/03/94  Meth Analy	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Det	MSMSDB41003194901 s = 1 tection Limit = 0	 Concent	ration Range:	NC NC	1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Def hod : SW8240 - Volatile yte : Vinyl Chloride	MSMSDB41003194901 s = 1 tection Limit = 0	Concent Maximum	ration Range: Detection Limit	NC = 1.75	
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Det hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11	MSMSDB41003194901  s = 1 tection Limit = 0  Organics  MSMSDB41003194901 MSMSDB41003194901	Concent Maximum ND ND	ration Range:	NC = 1.75	
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Det hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11	MSMSDB41003194901  S = 1  Lection Limit = 0  Organics  MSMSDB41003194901  MSMSDB41003194901	Concent Maximum ND ND	Tation Range: Detection Limit	NC = 1.75 ug/kg ug/kg	1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Det hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11	MSMSDB41003194901  S = 1 tection Limit = 0  Organics  MSMSDB41003194901 MSMSDB41003194901  S = 2	Concent Maximum ND ND ND	ration Range: Detection Limit	NC = 1.75 ug/kg ug/kg	1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Def hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blanks	MSMSDB41003194901  S = 1 tection Limit = 0  Organics  MSMSDB41003194901 MSMSDB41003194901  S = 2	Concent Maximum ND ND ND	nation Range: Detection Limit  1.75 1.75	NC = 1.75 ug/kg ug/kg	1
Analy Type of Bla 10/03/94 Meth Analy Type of Bla 10/04/94	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Def hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blanks	MSMSDB41003194901  S = 1 tection Limit = 0  Organics  MSMSDB41003194901 MSMSDB41003194901  S = 2 tection Limit = 0	Concent Maximum ND ND ND	nation Range: Detection Limit  1.75 1.75	NC = 1.75 ug/kg ug/kg	1
Analy Type of Bla  10/03/94  Meth Analy Type of Bla  10/04/94  10/04/94  Meth Analy	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Det  hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blanks Total Number above Det  hod : SW8240 - Volatile yte : Vinyl acetate	MSMSDB41003194901  S = 1 tection Limit = 0  Organics  MSMSDB41003194901 MSMSDB41003194901  S = 2 tection Limit = 0	Concent Maximum ND ND ND	nation Range: Detection Limit  1.75 1.75	NC = 1.75 ug/kg ug/kg	1
Analy Type of Bla  10/03/94  Meth Analy 10/04/94  10/04/94  Meth Analy	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Det hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blanks Total Number above Det	MSMSDB41003194901  S = 1 tection Limit = 0  Organics  MSMSDB41003194901 MSMSDB41003194901  S = 2 tection Limit = 0	Concent Maximum ND ND ND	nation Range: Detection Limit  1.75 1.75	NC = 1.75 ug/kg ug/kg	1
Analy Type of Bla  Meth Analy Type of Bla  Meth Analy Type of Bla	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Det  hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blanks Total Number above Det  hod : SW8240 - Volatile yte : Vinyl acetate	MSMSDB41003194901  S = 1 tection Limit = 0  Organics  MSMSDB41003194901 MSMSDB41003194901  S = 2 tection Limit = 0  Organics	Concent Maximum ND ND Concent Maximum	nation Range: Detection Limit  1.75 1.75	NC = 1.75 ug/kg ug/kg 	1 1
Analy Type of Bla  Meth Analy Type of Bla  Meth Analy Type of Bla	yte : Vinyl Chloride ank : Method Blank  BLK944177  Total Number of Blanks Total Number above Def hod : SW8240 - Volatile yte : Vinyl Chloride ank : Trip Blank  694-TB-09 694-TB-11  Total Number of Blanks Total Number above Def hod : SW8240 - Volatile yte : Vinyl acetate ank : Equipment Blank	MSMSDB41003194901  S = 1 Dection Limit = 0  Organics  MSMSDB41003194901  MSMSDB41003194901  S = 2 Dection Limit = 0  Organics  MSMSDB41003194901	Concent Maximum ND ND Concent Maximum	1.75 1.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2	NC = 1.75  ug/kg ug/kg  NC = 1.75	1 1

Compiled: 21 March 1995

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
<b></b>	· · · · · · · · · · · · · · · · · · ·					
Anal	thod : SW8240 - Volatile yte : Vinyl acetate ank : Method Blank	e Organics				
10/03/94		MSMSDB41003194901	ND	9.27	ug/kg	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 9.27	
Anal	hod : SW8240 - Volatile yte : Vinyl acetate ank : Trip Blank	e Organics				
10/04/94 10/04/94	G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901	ND ND	9.27 9.27	ug/kg ug/kg	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =		
Anal	hod : SW8240 - Volatile yte : Xylene (total) ank : Equipment Blank					
Anal	yte : Xylene (total)					
Anal ype of Bl	yte : Xylene (total) ank : Equipment Blank G94-P0-SS-02-EB	e Organics  MSMSDB41003194901	ND Concent:	3.08  ration Range:	ug/kg  NC	1
Anal Type of Bl	yte : Xylene (total) ank : Equipment Blank	MSMSDB41003194901	Concent	3.08  ration Range: Detection Limit =	NC NC	1
Anal Type of Bl  10/04/94  Met Anal	yte : Xylene (total) ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank	MSMSDB41003194901  cs = 1 etection Limit = 0	Concent	ration Range:	NC NC	1
Anal Type of Bl  10/04/94  Met Anal Type of Bl	yte : Xylene (total) ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  thod : SW8240 - Volatile yte : Xylene (total) ank : Method Blank	MSMSDB41003194901  cs = 1 etection Limit = 0	Concent	ration Range:	NC 3.08	
Anal Type of Bl  10/04/94  Met Anal Type of Bl	yte : Xylene (total) ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  thod : SW8240 - Volatile yte : Xylene (total) ank : Method Blank	MSMSDB41003194901  As = 1 etection Limit = 0  e Organics  MSMSDB41003194901  As = 1	Concenti Maximum ND Concenti	ration Range: Detection Limit =	NC 3.08 ug/kg	
Anal Type of Bl  10/04/94  Met Anal Type of Bl  10/03/94  Met Anal	yte : Xylene (total) ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blank Total Number above De  thod : SW8240 - Volatile yte : Xylene (total) ank : Method Blank  BLK944177  Total Number of Blank	MSMSDB41003194901  As = 1 etection Limit = 0  MSMSDB41003194901  As = 1 etection Limit = 0	Concenti Maximum ND Concenti	ration Range:  Detection Limit =  3.08  ration Range:	NC 3.08 ug/kg	
Anal Type of Bl  L0/04/94  Met Anal Type of Bl  L0/03/94  Met Anal Type of Bl	yte : Xylene (total) ank : Equipment Blank  G94-PO-SS-O2-EB  Total Number of Blank Total Number above De  hod : SW8240 - Volatile yte : Xylene (total) ank : Method Blank  BLK944177  Total Number of Blank Total Number above De  hod : SW8240 - Volatile yte : Xylene (total) ank : Trip Blank  G94-TB-O9	MSMSDB41003194901  As = 1 etection Limit = 0  MSMSDB41003194901  As = 1 etection Limit = 0	Concent Maximum ND Concent Maximum	ration Range:  Detection Limit =  3.08  ration Range:	NC 3.08 ug/kg NC 3.08	1

NA = Not Applicable

ANALYZED	SAMPLE	BATCH	<b></b>	DETECTION		DILUTION
MNALIZED	ID 	ID 	RESULT 	LIMIT	UNITS	FACTOR
Ana	thod : SW8240 - Volatile lyte : cis-1,2-Dichloroe lank : Equipment Blank	-				
10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	1.60	ug/kg	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC = 1.60	
Anal	thod : SW8240 - Volatile lyte : cis-1,2-Dichloroe lank : Method Blank					
10/03/94	BLK944177	MSMSDB41003194901	ND	1.60	ug/kg	1
	Total Number of Blank Total Number above De	s = 1	Concentr	ration Range: Detection Limit =	NC 1.60	
Met	:hod : SW8240 - Volatile	Ongonico				
Anal	yte : cis-1,2-Dichloroe ank : Trip Blank	-				
Anal [ype of Bl .0/04/94	yte : cis-1,2-Dichloroe	-	ND ND	1.60 1.60	ug/kg ug/kg	1 1
Anal	yte : cis-1,2-Dichloroe ank : Trip Blank G94-TB-11	MSMSDB41003194901 MSMSDB41003194901 ss = 2	ND  Concentr		ug/kg  NC	
Anal Type of Bl 10/04/94 10/04/94  Met Anal	yte : cis-1,2-Dichloroe ank : Trip Blank G94-TB-11 G94-TB-09 Total Number of Blanks	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0  Organics	ND  Concentr	1.60  ation Range:	ug/kg  NC	
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl	yte : cis-1,2-Dichloroe ank : Trip Blank  G94-TB-11 G94-TB-09  Total Number of Blank Total Number above Det  hod : SW8240 - Volatile yte : cis-1,3-Dichloropy	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0  Organics ropene	ND  Concentr	1.60 ation Range: Detection Limit =	ug/kg  NC 1.60	
Anal Type of Bl 10/04/94 10/04/94 Met Anal Type of Bl	yte : cis-1,2-Dichloroe ank : Trip Blank  G94-TB-11 G94-TB-09  Total Number of Blanks Total Number above Dei hod : SW8240 - Volatile yte : cis-1,3-Dichloropa	MSMSDB41003194901 MSMSDB41003194901 s = 2 tection Limit = 0  Organics ropene  MSMSDB41003194901 s = 1	ND Concentr Maximum ND Concentra	1.60 ation Range: Detection Limit =	ug/kg  NC 1.60  ug/kg	1
Anal Type of Bl  10/04/94  Met Anal Type of Bl  0/04/94  Metl Anal	yte : cis-1,2-Dichloroe ank : Trip Blank  G94-TB-11 G94-TB-09  Total Number of Blanks Total Number above Dei  hod : SW8240 - Volatile yte : cis-1,3-Dichloropy ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks	MSMSDB41003194901 MSMSDB41003194901  s = 2 tection Limit = 0  Organics ropene  MSMSDB41003194901  s = 1 tection Limit = 0  Organics	ND Concentr Maximum ND Concentra	1.60 ation Range: Detection Limit =  1.36 ation Range:	ug/kg  NC 1.60  ug/kg	1
Anal Type of Bl  10/04/94  Met Anal Type of Bl  0/04/94  Metl Anal	yte : cis-1,2-Dichloroe ank : Trip Blank  G94-TB-11 G94-TB-09  Total Number of Blank: Total Number above Dei  hod : SW8240 - Volatile yte : cis-1,3-Dichloropi ank : Equipment Blank  G94-P0-SS-02-EB  Total Number of Blanks Total Number above Det  hod : SW8240 - Volatile yte : cis-1,3-Dichloropi ank : Method Blank  BLK944177	MSMSDB41003194901 MSMSDB41003194901  s = 2 tection Limit = 0  Organics ropene  MSMSDB41003194901  s = 1 tection Limit = 0  Organics	ND  Concentr  Maximum  ND  Concentr  Maximum I	1.60 ation Range: Detection Limit =  1.36 ation Range:	ug/kg NC 1.60  ug/kg NC 1.36	1 1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW8240 - Volatile yte : cis-1,3-Dichloro ank : Trip Blank					
10/04/94 10/04/94	G94-TB-09 G94-TB-11	MSMSDB41003194901 MSMSDB41003194901	ND ND	1.36 1.36	ug/kg ug/kg	1 1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 1.36	
Anal	hod : SW8240 - Volatile yte : trans-1,2-Dichlon ank : Equipment Blank	_				
0/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	ND	1.97	ug/kg	1
	Total Number of Blank Total Number above De			ration Range: Detection Limit =	NC 1.97	
Anal ype of Bl	hod : SW8240 - Volatile yte : trans-1,2-Dichlor ank : Method Blank BLK944177		ND	1.97	ug/kg	1
Anal ype of Bl	yte : trans-1,2-Dichlom ank : Method Blank	MSMSDB41003194901	Concent	1.97 ration Range: Detection Limit =	NC	1
Anal Type of B1  10/03/94  Met Anal	yte : trans-1,2-Dichlor ank : Method Blank BLK944177 Total Number of Blank	MSMSDB41003194901 ks = 1 etection Limit = 0	Concent	ration Range:	NC	1
Anal ype of B1  0/03/94   Met Anal ype of B1  0/04/94	yte : trans-1,2-Dichlorank : Method Blank  BLK944177  Total Number of Blank  Total Number above De  hod : SW8240 - Volatile yte : trans-1,2-Dichlorank : Trip Blank  G94-TB-09	MSMSDB41003194901 ks = 1 etection Limit = 0	Concent	ration Range:	NC	1 1 1
Anal ype of B1  0/03/94   Met Anal ype of B1  0/04/94	yte : trans-1,2-Dichlorank : Method Blank  BLK944177  Total Number of Blank  Total Number above De  hod : SW8240 - Volatile yte : trans-1,2-Dichlorank : Trip Blank  G94-TB-09	MSMSDB41003194901  Ass = 1  Actection Limit = 0  Corganics  Froethene  MSMSDB41003194901  MSMSDB41003194901	Concent Maximum ND ND	ration Range: Detection Limit =	NC 1.97 ug/kg ug/kg	1
Anal Type of Bl  Met Anal Type of Bl  0/04/94 0/04/94  Met Anal	yte : trans-1,2-Dichlor ank : Method Blank  BLK944177  Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : trans-1,2-Dichlor ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blank	MSMSDB41003194901  As = 1 etection Limit = 0  e Organics roethene  MSMSDB41003194901 MSMSDB41003194901  As = 2 etection Limit = 0	Concent Maximum ND ND	ration Range:  Detection Limit =  1.97  1.97  ration Range:	NC 1.97 ug/kg ug/kg	1
Anal Type of Bl  Met Anal Type of Bl  0/04/94 0/04/94  Met Anal	yte : trans-1,2-Dichlor ank : Method Blank  BLK944177  Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : trans-1,2-Dichlor ank : Trip Blank  G94-TB-09 G94-TB-11  Total Number of Blank Total Number above De hod : SW8240 - Volatile yte : trans-1,3-Dichlor ank : Equipment Blank  G94-P0-SS-02-EB	MSMSDB41003194901  As = 1 etection Limit = 0  e Organics roethene  MSMSDB41003194901 MSMSDB41003194901  As = 2 etection Limit = 0	Concent Maximum ND ND Concent Maximum	1.97 1.97 2.20 Teation Range: Detection Limit =	NC 1.97 ug/kg ug/kg NC 1.97	1 1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8240 - Volat yte : trans-1,3-Dich ank : Method Blank					
10/03/94	BLK944177	MSMSDB41003194901	ND	1.47	ug/kg	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 1.47	
Anal	hod : SW8240 - Volat yte : trans-1,3-Dich ank : Trip Blank					
10/04/94 10/04/94	G94-TB-11 G94-TB- <b>0</b> 9	MSMSDB41003194901 MSMSDB41003194901	ND ND	1.47 1.47	ug/kg ug/kg	1 1
	Total Number of Bl Total Number above	anks = 2 Detection Limit = 0		ration Range: Detection Limit =	NC 1.47	
	hod : SW8270 - Semive					
Anal ype of Bl	hod : SW8270 - Semive yte : 1,2,4-Trichlore ank : Method Blank BLK944291		ND	0.00640	ug/g	1
Anal	yte : 1,2,4-Trichlord ank : Method Blank BLK944291 Total Number of Bla	MSMSD141004080401	Concentr	0.00640 Pation Range: Detection Limit =	NC	1
Anal Type of Black 0/04/94  Meth Anal	yte : 1,2,4-Trichlord ank : Method Blank BLK944291 Total Number of Bla	MSMSD141004080401  anks = 1 Detection Limit = 0	Concentr	ration Range:	NC NC	1
Anal ype of Black .0/04/94 Meth Anal ype of Black	yte : 1,2,4-Trichlord ank : Method Blank  BLK944291  Total Number of Bla Total Number above  nod : SW8270 - Semive yte : 1,2-Dichlorober ank : Method Blank  BLK944291	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics sizene  MSMSD141004080401	Concentr Maximum ND	ration Range: Detection Limit =  0.0214	NC 0.00640 ug/g	
Anal ype of Black 0/04/94 Meth Anal ype of Black	yte: 1,2,4-Trichlord ank: Method Blank  BLK944291  Total Number of Bla Total Number above  nod: SW8270 - Semive yte: 1,2-Dichlorober ank: Method Blank  BLK944291  Total Number of Bla	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics azene  MSMSD141004080401	Concentr Maximum ND Concentr	ration Range: Detection Limit =	NC 0.00640 ug/g	
Analy  Meth Analy  Mod4/94  Meth Analy  Meth Analy	yte: 1,2,4-Trichlord ank: Method Blank  BLK944291  Total Number of Bla Total Number above  nod: SW8270 - Semive yte: 1,2-Dichlorober ank: Method Blank  BLK944291  Total Number of Bla	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics azene  MSMSD141004080401  anks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	Pation Range: Detection Limit =  0.0214  ation Range:	NC 0.00640 ug/g	
Analy  Meth Analy  Mod4/94  Meth Analy  Meth Analy	yte: 1,2,4-Trichlordank: Method Blank  BLK944291  Total Number of Blatotal Number above  Total Number above  Total Number above  Total Number of Blatotal Number of Blatotal Number above  SUK944291  Total Number above   MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics sizene  MSMSD141004080401  anks = 1 Detection Limit = 0	Concentr Maximum ND Concentr Maximum	O.0214  ation Range:  0.0214  ation Range:  Detection Limit =	NC 0.00640 ug/g NC 0.0214		

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW8270 - Semiv yte : 1,4-Dichlorobe ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0236	ug/g	1
	Total Number of Bl	anks = 1 Detection Limit = 0		ration Range: Detection Limit =		
Anal	thod : SW8270 - Semive yte : 2,4,5-Trichlore ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0195	ug/g	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =		
Anal	thod: SW8270 - Semive yte: 2,4,6-Trichlore ank: Method Blank	ophenol				
Anal Type of Bl	yte : 2,4,6-Trichlore ank : Method Blank		ND	0.0162	ug/g	1 .
Anal Type of Bl	yte : 2,4,6-Trichlord ank : Method Blank BLK944291 Total Number of Bla	MSMSD141004080401	Concent	0.0162 ration Range: Detection Limit =	NC	1 .
Anal Type of Bl 10/04/94  Met Anal	yte : 2,4,6-Trichlord ank : Method Blank BLK944291 Total Number of Bla	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics	Concent	 ration Range:	NC	1
Anal Type of B1  10/04/94  Met Anal Type of B1	yte : 2,4,6-Trichlord ank : Method Blank  BLK944291  Total Number of Blank  Total Number above  Chod : SW8270 - Semiveryte : 2,4-Dichloropherank : Method Blank	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics	Concent	 ration Range:	NC 0.0162	1
Anal Type of B1 10/04/94 Met Anal Type of B1	yte : 2,4,6-Trichlord ank : Method Blank  BLK944291  Total Number of Blank  Thotal Number above  Thod : SW8270 - Semiveryte : 2,4-Dichlorophe ank : Method Blank  BLK944291  Total Number of Blank	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics enol  MSMSD141004080401	Concent Maximum ND Concent		NC 0.0162 ug/g	
Anal Type of B1  10/04/94  Met Anal Type of B1  10/04/94  Met Anal	yte : 2,4,6-Trichlord ank : Method Blank  BLK944291  Total Number of Blank  Thotal Number above  Thod : SW8270 - Semiveryte : 2,4-Dichlorophe ank : Method Blank  BLK944291  Total Number of Blank	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics enol  MSMSD141004080401  anks = 1 Detection Limit = 0	Concent Maximum ND Concent	ration Range:  Detection Limit =  0.0194  ration Range:	NC 0.0162 ug/g	
Anal Type of B1 10/04/94 Type of B1 10/04/94 Met Anal	yte : 2,4,6-Trichlord ank : Method Blank  BLK944291  Total Number of Blank  Total Number above  Thod : SW8270 - Semiveryte : 2,4-Dichlorophe ank : Method Blank  BLK944291  Total Number of Blank  Total Number of Blank  Total Number above  Thod : SW8270 - Semiveryte : 2,4-Dimethylphe ank : Method Blank	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics enol  MSMSD141004080401  anks = 1 Detection Limit = 0	Concent Maximum ND Concent Maximum	ration Range:  Detection Limit =  0.0194  ration Range:	NC	1

ANALYZED	SAMPLE ID	BATCH	DECLU T	DETECTION	UNITO	DILUTION
		ID	RESULT	LIMIT	UNITS	FACTOR
Ana T	thod : SW8270 - Semiv lyte : 2,4-Dinitrophe lank : Method Blank	<del>-</del>				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0863	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range:  Detection Limit =	NC 0.0863	
Ana1	thod : SW8270 - Semiv lyte : 2,4-Dinitrotol lank : Method Blank	<del>-</del>				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0256	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =		
Anal ype of Bl	<pre>chod : SW8270 - Semiv yte : 2,6-Dinitrotol ank : Method Blank BLK944291</pre>	_	ND	0.0350	ug/g	1
Anal ype of Bl	yte : 2,6-Dinitrotol ank : Method Blank  BLK944291  Total Number of Bl	wene  MSMSD141004080401	Concent	0.0350 	NC	1
Anal Type of Bl 10/04/94  Met Anal	yte : 2,6-Dinitrotol ank : Method Blank  BLK944291  Total Number of Bl	MSMSD141004080401 anks = 1 Detection Limit = 0	Concent	ration Range:	NC	1
Anal Type of B1  .0/04/94   Met Anal Type of B1	yte : 2,6-Dinitrotol ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : 2-Chloronaphth ank : Method Blank  BLK944291	MSMSD141004080401	Concent: Maximum	ration Range:  Detection Limit =	NC 0.0350	1
Anal Type of B1  0/04/94   Met  Anal ype of B1	yte : 2,6-Dinitrotol ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : 2-Chloronaphth ank : Method Blank  BLK944291  Total Number of Bl	MSMSD141004080401  anks = 1 Detection Limit = 0  olatile Organics alene  MSMSD141004080401	Concent Maximum ND Concent	ration Range:  Detection Limit =	NC 0.0350 ug/g NC	1
Anal Type of Bl  10/04/94  Met Anal Type of Bl  0/04/94  Met Anal	yte : 2,6-Dinitrotol ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : 2-Chloronaphth ank : Method Blank  BLK944291  Total Number of Bl	MSMSD141004080401  anks = 1 Detection Limit = 0  olatile Organics alene  MSMSD141004080401  anks = 1 Detection Limit = 0	Concent Maximum ND Concent	ration Range:  Detection Limit =  0.0300  ration Range:	NC 0.0350 ug/g NC	1
Anal Type of Bl  Met Anal Type of Bl  Mo/04/94  Met Anal Met Anal Type of Bl	yte : 2,6-Dinitrotol ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : 2-Chloronaphth ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : 2-Chlorophenol ank : Method Blank  BLK944291	MSMSD141004080401  anks = 1 Detection Limit = 0  olatile Organics alene  MSMSD141004080401  anks = 1 Detection Limit = 0	Concent Maximum ND Concent Maximum	ration Range:  Detection Limit =  0.0300  ration Range:	NC 0.0350 ug/g NC 0.0300	1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8270 - Semiv yte : 2-Methylnaphth ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0202	ug/g	1
	Total Number of Bl. Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit	NC = 0.0202	
Anal	hod : SW8270 - Semiv yte : 2-Methylphenol ank : Method Blank	olatile Organics				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0263	ug/g	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit	NC = 0.0263	
Anal	hod : SW8270 - Semive yte : 2-Nitroaniline ank : Method Blank	olatile Organics				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0266	ug/g 	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit	NC = 0.0266	
Anal	hod : SW8270 - Semivo yte : 2-Nitrophenol ank : Method Blank	platile Organics				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0142	ug/g	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit	NC = 0.0142	
Anal	hod : SW8270 - Semivo yte : 3,3'-Dichlorobo ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0363	ug/g	1

ANALYZED	SAMPLE ID 	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	thod : SW8270 - Semiv lyte : 3-Nitroaniline lank : Method Blank	_				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0107	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 0.0107	
Anal	thod : SW8270 - Semiv  yte : 4,6-Dinitro-2-  ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0244	ug/g	1
	Total Number of Bl			ration Range: Detection Limit =	NC 0.0244	~
Anal	thod: SW8270 - Semive yte: 4-Bromophenyl pank: Method Blank BLK944291	<del>-</del>	ND	0.0202	ug/g	
			ND	0.0203	ug/g	1
	Total Number of Bla		Concentr	vation Range: Detection Limit =	NC NC	1 
Anal		nnks = 1 Detection Limit = 0	Concentr	ration Range:	NC NC	1 
Anal	Total Number above hod : SW8270 - Semivo yte : 4-Chloro-3-meth ank : Method Blank	nnks = 1 Detection Limit = 0	Concentr Maximum ND	ration Range: Detection Limit =  0.0153	NC 0.0203 ug/g	1
Anal	Total Number above hod : SW8270 - Semivo yte : 4-Chloro-3-meth ank : Method Blank BLK944291 Total Number of Bla	nnks = 1 Detection Limit = 0  Platile Organics Playlphenol  MSMSD141004080401	Concentr Maximum ND Concentr	ration Range: Detection Limit =	NC 0.0203 ug/g	1
Anal	Total Number above hod : SW8270 - Semivo yte : 4-Chloro-3-meth ank : Method Blank BLK944291 Total Number of Bla	nks = 1 Detection Limit = 0  Platile Organics Hylphenol  MSMSD141004080401  nks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	oation Range:  Detection Limit =  0.0153  ation Range:	NC 0.0203 ug/g	1
Anal Type of Black 0/04/94 Meth Anal Type of Black	Total Number above  hod : SW8270 - Semivo yte : 4-Chloro-3-meth ank : Method Blank  BLK944291  Total Number of Bla Total Number above  hod : SW8270 - Semivo yte : 4-Chlorophenyl	nks = 1 Detection Limit = 0  Platile Organics Hylphenol  MSMSD141004080401  nks = 1 Detection Limit = 0	Concentr Maximum ND Concentr Maximum	oation Range:  Detection Limit =  0.0153  ation Range:	NC 0.0203 ug/g NC 0.0153	1

DATE SAMPLE BATCH DETECTION DILUTION ID FACTOR LIMIT UNITS ANALYZED ID RESULT _____ ----------Method: SW8270 - Semivolatile Organics Analyte: 4-Methylphenol/3-Methylphenol Type of Blank : Method Blank 0.0413 ug/g 1 10/04/94 BLK944291 MSMSD141004080401 ND Concentration Range: Total Number of Blanks = 1 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0413 Method: SW8270 - Semivolatile Organics Analyte : 4-Nitroaniline Type of Blank: Method Blank 10/04/94 BLK944291 MSMSD141004080401 0.0200 ug/g Total Number of Blanks = 1 Concentration Range: Maximum Detection Limit = 0.0200 Total Number above Detection Limit = 0 Method: SW8270 - Semivolatile Organics Analyte : 4-Nitrophenol Type of Blank : Method Blank ND 0.0210 ug/g 1 10/04/94 BLK944291 MSMSD141004080401 Concentration Range: Total Number of Blanks = 1 NC Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0210 Method: SW8270 - Semivolatile Organics Analyte : Acenaphthene Type of Blank: Method Blank MSMSD141004080401 ND 0.0161 ug/g 1 10/04/94 BLK944291 Concentration Range: NC Total Number of Blanks = 1 Maximum Detection Limit = 0.0161 Total Number above Detection Limit = 0 Method: SW8270 - Semivolatile Organics Analyte : Acenaphthylene Type of Blank : Method Blank 10/04/94 BLK944291 MSMSD141004080401 ug/g Total Number of Blanks = 1 Concentration Range: Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0219

ANALYZED	SAMPLE ID	BATCH	DEC *	DETECTION	11077	DILUTION
ANAL 12ED	10	I D	RESULT	LIMIT 	UNITS	FACTOR
Ana	thod : SW8270 - Semi lyte : Anthracene lank : Method Blank	volatile Organics				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0180	ug/g	1
	Total Number of E Total Number abov	Planks = 1 The Detection Limit = 0		ration Range: Detection Limit =	NC 0.0180	
Anal	chod : SW8270 - Semi yte : Benzo(a)anthr ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0116	ug/g	1
	Total Number of B Total Number abov	lanks = 1 e Detection Limit = 0		ration Range: Detection Limit =	NC 0.0116	
Ana1	hod : SW8270 - Semi yte : Benzo(a)pyren ank : Method Blank					
Anal ype of Bl	yte : Benzo(a)pyren		ND	0.0180	ug/g	1
Anal Type of Bl	yte : Benzo(a)pyren ank : Method Blank BLK944291 Total Number of B	MSMSD141004080401	Concentr	0.0180 ation Range: Detection Limit =	NC	1
Anal Type of Bl  10/04/94  Met  Anal	yte : Benzo(a)pyren ank : Method Blank BLK944291 Total Number of B	MSMSD141004080401  lanks = 1 e Detection Limit = 0  volatile Organics	Concentr	ation Range:	NC	1
Anal  (ype of Bl  (0/04/94  Met  Anal  (ype of Bl	yte : Benzo(a)pyren ank : Method Blank  BLK944291  Total Number of B Total Number above hod : SW8270 - Seminyte : Benzo(b)fluora ank : Method Blank  BLK944291	MSMSD141004080401  lanks = 1  Detection Limit = 0  volatile Organics anthene  MSMSD141004080401	Concentr Maximum	ation Range: Detection Limit =	NC 0.0180	1
Anal Type of Bl  .0/04/94  Met Anal ype of Bl	yte : Benzo(a)pyren ank : Method Blank  BLK944291  Total Number of B Total Number above hod : SW8270 - Semin yte : Benzo(b)fluora ank : Method Blank  BLK944291  Total Number of Bi	MSMSD141004080401  Manks = 1  Detection Limit = 0  Volatile Organics  Anthene  MSMSD141004080401	Concentr Maximum ND Concentr	ation Range: Detection Limit =	NC 0.0180 ug/g	1
Anal Type of Bl  10/04/94  Met Anal Type of Bl  0/04/94  Metl Anal	yte : Benzo(a)pyren ank : Method Blank  BLK944291  Total Number of B Total Number above hod : SW8270 - Semin yte : Benzo(b)fluora ank : Method Blank  BLK944291  Total Number of Bi	MSMSD141004080401  lanks = 1 e Detection Limit = 0  volatile Organics anthene  MSMSD141004080401  lanks = 1 e Detection Limit = 0	Concentr Maximum ND Concentr	ation Range:  Detection Limit =  0.0320  ation Range:	NC 0.0180 ug/g	1
Anal Type of Bl  10/04/94  Met Anal Type of Bl  Metl Anal Type of Bla	yte : Benzo(a)pyren ank : Method Blank  BLK944291  Total Number of B Total Number above hod : SW8270 - Semin yte : Benzo(b)fluora ank : Method Blank  BLK944291  Total Number of Bi Total Number above hod : SW8270 - Semin yte : Benzo(g,h,i)pe ank : Method Blank  BLK944291	MSMSD141004080401  lanks = 1 e Detection Limit = 0  volatile Organics anthene  MSMSD141004080401  lanks = 1 e Detection Limit = 0  volatile Organics erylene	Concentr Maximum ND Concentr Maximum	ation Range: Detection Limit =  0.0320  ation Range: Detection Limit =	NC 0.0180 ug/g NC 0.0320	1

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Ana	thod : SW8270 - Semiv lyte : Benzo(k)fluora lank : Method Blank	-				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0273	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit :		
Ana	thod : SW8270 - Semiv lyte : Benzoic acid lank : Method Blank	olatile Organics				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0997	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC = 0.0997	
Anal	chod : SW8270 - Semiv lyte : Benzyl alcohol lank : Method Blank BLK944291	olatile Organics MSMSD141004080401	ND	0.0480	ug/g	1
<b></b>	Total Number of Bl			D	NC	
	, and a second	Detection Limit = 0		ration Range: Detection Limit =		
Anal	chod : SW8270 - Semiv yte : Butylbenzylpht ank : Method Blank	Detection Limit = 0 platile Organics		_		
Anal ype of Bl	chod : SW8270 - Semivoryte : Butylbenzylpht ank : Method Blank	Detection Limit = 0 platile Organics	Maximum	_	= 0.0480	1
Anal ype of Bl	chod : SW8270 - Semivoryte : Butylbenzylpht ank : Method Blank BLK944291 Total Number of Bla	Detection Limit = 0  Dolatile Organics  halate  MSMSD141004080401	Maximum ND Concent	Detection Limit =	ug/g	1
Anal Type of Bl 10/04/94  Met Anal	chod : SW8270 - Semivoryte : Butylbenzylpht ank : Method Blank BLK944291 Total Number of Bla	Detection Limit = 0  platile Organics halate  MSMSD141004080401  manks = 1 Detection Limit = 0	Maximum ND Concent	Detection Limit =  0.0250  ration Range:	ug/g	1
Anal Type of Bl 10/04/94  Met Anal Type of Bl	chod : SW8270 - Semiveryte : Butylbenzylpht.  ank : Method Blank  BLK944291  Total Number of Blank  Total Number above  chod : SW8270 - Semiveryte : Chrysene ank : Method Blank	Detection Limit = 0  platile Organics halate  MSMSD141004080401	ND Concent Maximum	Detection Limit =  0.0250  ration Range:	ug/g  NC = 0.0250	

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	hod : SW8270 - Semiv yte : Di-n-octylphth ank : Method Blank	· ·				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0194	ug/g	1
	Total Number of Blanks = 1  Total Number above Detection Limit = 0  Method : SW8270 - Semivolatile Organics			ration Range: Detection Limit =	NC 0.0194	
Anal	hod : SW8270 - Semiv yte : Dibenz(a,h)ant ank : Method Blank	_				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0228	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC 0.0228	
Analy	nod : SW8270 - Semiv yte : Dibenzofuran ank : Method Blank	olatile Organics				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0130	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =		
Analy	nod : SW8270 - Semiv yte : Dibutylphthala ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0103	ug/g	1
	Total Number of Bl		Concent	ration Range: Detection Limit =	NC	
Analy	nod : SW8270 - Semivo /te : Diethylphthala ank : Method Blank	-				
0/04/94		MSMSD141004080401	ND	0.0123	ug/g	1
	Total Number of Bla	anks = 1 Detection Limit = 0	Concent	ration Range: Detection Limit =	NC	

DETECTION DILUTION DATE SAMPLE BATCH ANALYZED ID ID RESULT LIMIT UNITS FACTOR -----_____ _____ Method: SW8270 - Semivolatile Organics Analyte : Dimethylphthalate Type of Blank : Method Blank ND 0.0157 MSMSD141004080401 ug/g 10/04/94 BLK944291 Concentration Range: NC Total Number of Blanks = 1 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0157 Method: SW8270 - Semivolatile Organics Analyte : Diphenylamine Type of Blank : Method Blank 0.0255 MSMSD141004080401 10/04/94 BLK944291 ug/g Concentration Range: NC Total Number of Blanks = 1 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0255 Method: SW8270 - Semivolatile Organics Analyte : Fluoranthene Type of Blank : Method Blank ND 0.0142 ug/g 1 BLK944291 MSMSD141004080401 10/04/94 Concentration Range: NC Total Number of Blanks = 1 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0142 Method : SW8270 - Semivolatile Organics Analyte : Fluorene Type of Blank : Method Blank 0.0115 ug/g 1 MSMSD141004080401 ND 10/04/94 BLK944291 Concentration Range: Total Number of Blanks = 1 Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0115 Method : SW8270 - Semivolatile Organics Analyte : Hexachlorobenzene Type of Blank : Method Blank 0.0176 10/04/94 BLK944291 MSMSD141004080401 Concentration Range: Total Number of Blanks = 1 NC Total Number above Detection Limit = 0 Maximum Detection Limit = 0.0176

* - Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Anal	chod : SW8270 - Semio yte : Hexachlorobuta ank : Method Blank					
10/04/94		MSMSD141004080401	ND	0.0219	ug/g	1
	Total Number of Blanks = 1 Total Number above Detection Limit = 0			ration Range: Detection Limit =	NC 0.0219	
Anal	hod : SW8270 - Semiv yte : Hexachlorocycl ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0547	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ation Range: Detection Limit =	NC 0.0547	
Anal	hod : SW8270 - Semiv yte : Hexachloroetha ank : Method Blank BLK944291	=	ND	0.0333	ua (a	,
	Total Number of Bla		Concentr	ation Range: Detection Limit =	ug/g  NC 0.0333	1
Analy	nod : SW8270 - Semivo yte : Indeno(1,2,3-co ank : Method Blank					
0/04/94 		MSMSD141004080401	ND	0.0160	ug/g	1
	Total Number of Bla		Concentr	ation Range: Detection Limit =	NC	
			•			
Analy	nod : SW8270 - Semivo vte : Isophorone unk : Method Blank	latile Organics				
Analy	rte : Isophorone unk : Method Blank	MSMSD141004080401		0.0101		1

DATE	SAMPLE	BATCH			DILUTION	
ANALYZED	ID	ID	RESULT	LIMIT	UNITS	FACTOR
	 hod : SW8270 - Semiv					
	yte : N-Nitroso-di-n ank : Method Blank	-propylamine				
0/04/94	BLK944291	MSMSD141004080401	ND	0.0262	ug/g	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit :	NC = 0.0262	
Analy	hod : SW8270 - Semivo yte : Naphthalene ank : Method Blank	olatile Organics				
.0/04/94	BLK944291	MSMSD141004080401	ND	0.0223	ug/g	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC = 0.0223	
Analy	nod : SW8270 - Semivo yte : Nitrobenzene ank : Method Blank	olatile Organics			\$	
0/04/94	BLK944291	MSMSD141004080401	ND	0.0130	ug/g	1
	Total Number of Bla Total Number above	nks = 1 Detection Limit = 0		ration Range: Detection Limit =	NC = 0.0130	
Analy	nod : SW8270 - Semivo /te : Pentachloropher ank : Method Blank					
0/04/94		MSMSD141004080401		0.00640		
	Total Number of Bla		Concentr	ration Range: Detection Limit =	NC	
Analy	nod : SW8270 - Semivo vte : Phenanthrene unk : Method Blank	latile Organics				
0/04/94	BLK944291	MSMSD141004080401		0.0185	ug/g	1
	Total Number of Bla Total Number above		Concentr	ation Range: Detection Limit =		

ANALYZED	SAMPLE ID	BATCH ID	RESULT		UNITS	
	chod : SW8270 - Semin	volatile Organics			·	
Type of Bl	ank : Method Blank					
10/04/94	BLK944291	MSMSD141004080401	ND	0.0337	ug/g	1
	Total Number of Bl Total Number above	Concent	ration Range: Detection Limit =	NC 0.0337		
Anal	hod : SW8270 - Semiv yte : Pyrene ank : Method Blank	rolatile Organics				
10/04/94	BLK944291	MSMSD141004080401	ND	0.0154	ug/g	1
	Total Number of Bl Total Number above	anks = 1 Detection Limit = 0		ration Range: Detection Limit =		
Madi	hod : SW8270 - Semiv	olatile Organics				
Anal ype of Bla	yte : bis(2-Chloroet ank : Method Blank		ND	0.0111	ug/g	1
Anal Type of Bla	yte : bis(2-Chloroet ank : Method Blank BLK944291 Total Number of Bl	hoxy)methane MSMSD141004080401	Concentr	0.0111 ation Range: Detection Limit =	NC	1
Anal Type of Black 10/04/94  Meth Anal	yte : bis(2-Chloroet ank : Method Blank BLK944291 Total Number of Bl	MSMSD141004080401 anks = 1 Detection Limit = 0	Concentr	ation Range:	NC	1
Anal Type of Black 10/04/94  Meth Anal	yte : bis(2-Chloroet ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : bis(2-Chloroet	MSMSD141004080401	Concentr · Maximum	ation Range:	NC 0.0111	
Anal	yte : bis(2-Chloroet ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : bis(2-Chloroet ank : Method Blank  BLK944291  Total Number of Blank	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics hyl)ether  MSMSD141004080401	Concentr Maximum ND Concentr	ation Range: Detection Limit =	NC 0.0111 ug/g	
Anal	yte : bis(2-Chloroet ank : Method Blank  BLK944291  Total Number of Bl Total Number above  hod : SW8270 - Semiv yte : bis(2-Chloroet ank : Method Blank  BLK944291  Total Number of Blank	MSMSD141004080401  anks = 1 Detection Limit = 0  platile Organics hyl)ether  MSMSD141004080401  anks = 1 Detection Limit = 0	Concentr Maximum ND Concentr	ation Range: Detection Limit =  0.0155  ation Range:	NC 0.0111 ug/g	
Anal	yte : bis(2-Chloroet ank : Method Blank  BLK944291  Total Number of Bl Total Number above hod : SW8270 - Semivyte : bis(2-Chloroet ank : Method Blank  BLK944291  Total Number of Blank  Total Number above hod : SW8270 - Semive to the semi semi semi semi semi semi semi sem	MSMSD141004080401  anks = 1 Detection Limit = 0  olatile Organics hyl)ether  MSMSD141004080401  anks = 1 Detection Limit = 0  olatile Organics opropyl)ether  MSMSD141004080401	Concentr Maximum ND Concentr	ation Range:  Detection Limit =  0.0155  ation Range: Detection Limit =	NC 0.0111 ug/g NC 0.0155	1

ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	nod : SW8270 - Semivoyte : bis(2-Ethylhex					
ype of Bla	ank : Method Blank					
.0/04/94	BLK944291	MSMSD141004080401	ND	0.0547	ug/g	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ation Range: Detection Limit =	NC 0.0547	
Analy	nod : SW8270 - Semivo /te : p-Chloroaniline ank : Method Blank					
.0/04/94	BLK944291	MSMSD141004080401	ND	0.0327	ug/g	1
	Total Number of Bla Total Number above	anks = 1 Detection Limit = 0		ation Range: Detection Limit =	NC 0.0327	
Analy	nod : SW8280 - Dioxin vte : 2,3,7,8-TCDD ank : Method Blank	ns and Furans				
0/29/94 0/31/94	BLK944271 BLK944485	MS597141029113401 MS597141031141101	ND ND	0.140 0.0914	ng/g ng/g	1 1
	Total Number of Bla		Concentr	ation Range: Detection Limit =	NC	
Analy	nod : SW8280 - Dioxir rte : HpCDD Totals nk : Method Blank	ns and Furans				
Analy ype of Bla	rte : HpCDD Totals nk : Method Blank BLK944271	MS597141029113401 MS597141031141101	ND ND	0.275 0.0971	ng/g ng/g	1 1
Analy ype of Bla 0/29/94	rte : HpCDD Totals ink : Method Blank  BLK944271 BLK944485  Total Number of Bla	MS597141029113401 MS597141031141101	ND  Concentr	,	ng/g 	
Analy Type of Bla  0/29/94  0/31/94  Meth Analy	rte : HpCDD Totals ink : Method Blank  BLK944271 BLK944485  Total Number of Bla	MS597141029113401 MS597141031141101 anks = 2 Detection Limit = 0	ND  Concentr	0.0971 ation Range:	ng/g 	
Analy Type of Bla  0/29/94  0/31/94  Meth Analy Type of Bla	rte : HpCDD Totals ank : Method Blank  BLK944271 BLK944485  Total Number of Bla Total Number above  and : SW8280 - Dioxin	MS597141029113401 MS597141031141101 which is a 2 Detection Limit = 0 as and Furans MS597141029113401	ND  Concentr	0.0971 ation Range:	ng/g 	
Analy Type of Bla  0/29/94  0/31/94  Meth Analy Type of Bla	rte : HpCDD Totals ink : Method Blank  BLK944271 BLK944485  Total Number of Bla Total Number above  and : SW8280 - Dioxin rte : HpCDF Totals ink : Method Blank  BLK944271	MS597141029113401 MS597141031141101 	ND Concentr Maximum	0.0971 ation Range: Detection Limit =	ng/g  NC 0.275	1

NA = Not Applicable

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
	thod : SW8280 - Dioxi	ns and Furans				
	lyte : HpCDF Totals lank : Method Blank,	cont				
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
	Total Number above	e Detection Limit = 0	Maximum	Detection Limit =	0.163	
	chod : SW8280 - Dioxi	ns and Furans				
	lyte : HxCDD Totals					
Type or bi	ank : Method Blank					
10/29/94	BLK944271	MS597141029113401	ND	0.159	ng/g	1
.0/31/94	BLK944485	MS597141031141101	ND	0.0710	ng/g	1
	Total Number of Bl	anks = 2	Concentr	ration Range:	NC	
		Detection Limit = 0		Detection Limit =		
Met	:hod : SW8280 - Dioxi	ns and Furans				
Anal	yte : HxCDF Totals					
ype of Bl	ank : Method Blank					
10/29/94	BLK944271	MS597141029113401	ND	0.103	ng/g	1
0/31/94	BLK944485	MS597141031141101	ND	0.0486	ng/g	1
	Total Number of Bl	 anks = 2	Concentr	ation Range:	NC	
		Detection Limit = 0		Detection Limit =		
Met	hod : SW8280 - Dioxi	ns and Furans				
	yte : OCDD					
ype of Bl	ank : Method Blank					
10/29/94	BLK944271	MS597141029113401	ND	0.850	ng/g	1
0/31/94	BLK944485	MS597141031141101	ND	0.195	ng/g	1
	Total Number of Bl		Concentr	ation Range:	NC	
		Detection Limit = 0		Detection Limit =		
Met:	hod : SW8280 - Dioxi	ns and Furans				
	hod : SW8280 - Dioxi yte : OCDF	ns and Furans				
Anal		ns and Furans				
Anal	yte : OCDF ank : Method Blank		MID	0 422	nc/-	,
Anal ype of Bl 0/29/94	yte : OCDF	ns and Furans MS597141029113401 MS597141031141101	ND ND	0.432 0.114	ng/g ng/g	1 1
Anal ype of Bl 0/29/94	yte : OCDF ank : Method Blank BLK944271 BLK944485	MS597141029113401 MS597141031141101	ND	0.114	ng/g 	
Anal	yte : OCDF ank : Method Blank BLK944271 BLK944485 Total Number of Bla	MS597141029113401 MS597141031141101	ND Concentr			

TABLE A-1.3 DETAILED LISTING OF SOLID BLANKS RESULTS - SOIL SAMPLES Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	RESULT	DETECTION LIMIT	UNITS	DILUTION FACTOR
Nath	nod : SW8280 - Dioxi	no and Eurana				
	/te : PeCDD Totals	is and rulans				
-	ank : Method Blank					
JPO 0. 0						
0/29/94	BLK944271	MS597141029113401	ND	0.140	ng/g	1
0/31/94	BĽK944485	MS597141031141101	ND	0.0782	ng/g	1
	Total Number of Bla	anks = 2	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.140	
						*
	nod : SW8280 - Dioxi	ns and Furans				
	te : PeCDF Totals					
ype of Bla	ank : Method Blank					
0/29/94	BLK944271	MS597141029113401	ND	0.0860	ng/g	1
.0/23/34	BLK944485	MS597141031141101	ND	0.0571	ng/g	1
·	T-1-1 No. 1-1-5 87		Canacat	nation Dange.	NC	
	Total Number of Bla	anks = 2 Detection Limit = 0		ration Range: Detection Limit =	0.0860	
	TOTAL Number above	perection Finite - v	T (WA T III GIII)	, , , , , , , , , , , , , , , , , , ,		
	l CHOOO Bi-vii	and formers				
	nod : SW8280 - Dioxi: /te : TCDD Totals	ns and rurans				
	ank : Method Blank					
		MCFO71 / 1 0001 1 0 401	MD	0.140	na/-	1
	BLK944271	MS597141029113401 MS597141031141101	ND ND	0.140 0.0914	ng/g ng/g	. 1
.0/31/94 	BLK944485			0.0314		
	Total Number of Bl	anks = 2	Concent	ration Range:	NC	
	Total Number above	Detection Limit = 0	Maximum	Detection Limit =	0.140	
Meth	nod : SW8280 - Dioxi	ns and Furans				
Analy	yte : TCDF Totals					
ype of Bla	ank : Method Blank					
.0/29/94	BLK944271	MS597141029113401	ND	0.117	ng/g	1
10/23/34	BLK944485	MS597141031141101	ND	0.0705	ng/g	1
	Total Number of Bl	anks = Z	Concent	ration Range:	NC	

Total Number above Detection Limit = 0

Maximum Detection Limit = 0.117

## ATTACHMENT C - APPENDIX B

Table A-2.1

Detailed Listing of Liquid Spike Results - 1994 Water Samples

DAT			AMOUNT		RESULT	%
ANALY		RESULT :		RECOVERED		RECOVERY

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Gasoline Range Organics Type of Spike : Laboratory Control

09/15/94	Lab (	Control	Duplicate	58677A01	NA	600	576	%	96.0
09/15/94	Lab (	Control	Sample	58677A01	NA	600	696	%	116
09/17/94	Lab (	Control	Duplicate	58683A01	NA	600	600	%	100
09/17/94	Lab (	Control	Sample	58683A01	NA	600	588	%	98.0
09/16/94	Lab (	Control	Duplicate	58684A01	NA	600	600	%	100
09/16/94	Lab (	Control	Sample	58684A01	NA	600	588	%	98.0
09/19/94	Lab (	Control	Duplicate	58700A01	NA	600	666	%	111
09/19/94	Lab (	Control	Sample	58700A01	NA	600	588	%	98.0
09/21/94	Lab (	Control	Duplicate	58710A01	NA	600	666	%	111
09/21/94	Lab (	Control	Sample	58710A01	NA	600	588	%	98.0
09/21/94	Lab (	Control	Duplicate	58711A01	NA	600	666	%	111
09/21/94	Lab (	Control	Sample	58711A01	NA	600	588	%	98.0
09/27/94	Lab (	Control	Duplicate	58738A01	NA	600	486	%	81.0
09/27/94	Lab (	Control	Sample	58738A01	NA	600	522	%	87.0

Number of Samples : 100 Mean % Recovery Standard Deviation : NC

Below acceptance : Above acceptance : Acceptance Criteria 75-125

0

Method: AK101 - Gasoline Range Organics

Spiked Analyte : Gasoline Range Organics

Type of Spike : Matrix Spike

09/15/94	G94-06-MW-03	58677A01	7.00	600	696	%	116
09/15/94	G94-06-MW-03	58677A01	7.00	600	654	%	109
09/16/94	G94-06-MW-02	58684A01	38.0	600	618	%	103
09/16/94	G94-06-MW-02	58684A01	38.0	600	648	%	108
09/19/94	G94-01-MW-05	58700A01	15.0	600	515	%	103
09/19/94	G94-01-MW-05	58700A01	15.0	600	495	%	99.0
09/27/94	G94-13-MW-37	58738A01	9.00	600	540	%	90.0
09/27/94	G94-13-MW-37	58738A01	9.00	600	510	%	85.0

: 8 Number of Samples Mean % Recovery : 102 Standard Deviation : 10.2

Below acceptance : Above acceptance : 0 Acceptance Criteria 60-120

DO = Diluted Out

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	<del></del> %
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
				~~~~~			

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Ambient Blank

 09/15/94	G94-AB-01		58677A01	NA 25.	. 0	25.0	ug/L	101
 Number of Samp	les	:	1	Below acceptance :	:	0		
Mean % Recovery	y	:	101	Above acceptance :	:	0		
Standard Deviat	tion	:	NC	Acceptance Criteri	ia	60-120		

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Field Duplicate

09/15/94	G94-06-MW-03-FD	58677A01	NA	25.0	24.0	ug/L	95.0
09/17/94	G94-09-MW-05-FD	58683A01	NA	25.0	110	ug/L	110
09/19/94	G94-01-MW-01-FD	58700A01	NA	25.0	0.00 (F)	ug/L	DO
09/26/94	G94-05-MW-02-FD	58738A01	NA	25.0	24.0	ug/L	98.0
09/27/94	G94-13-MW-37-FD .	58738A01	NA	25.0	22.0	ug/L	8:
							\

: 5 Number of Samples Below acceptance : Mean % Recovery : 97.8 Above acceptance : 0 Standard Deviation : 9.18 Acceptance Criteria 60-120

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Laboratory Control

09/15/94	Lab Control Duplicate	58677A01	NA	25.0	25.0	%	100
09/15/94	Lab Control Sample	58677A01	NA	25.0	25.0	%	101
09/17/94	Lab Control Duplicate	58683A01	NA	25.0	23.0	%	91.0
09/17/94	Lab Control Sample	58683A01	NA	25.0	23.0	%	92.0
09/16/94	Lab Control Duplicate	58684A01	NA	25.0	29.0	%	116
09/16/94	Lab Control Sample	58684A01	NA	25.0	30.0	%	119
09/19/94	Lab Control Duplicate	58700A01	NA	25.0	NR	%	NR
09/19/94	Lab Control Sample	58700A01	NA	25.0	NR	%	NR
09/21/94	Lab Control Duplicate	58710A01	NA	25.0	25.0	%	100

Method: AK101 - Gasoline Range Organics Analyte: Trifluorotoluene f Spike: Surrogate - Laboratory Control, cont. 09/21/94	 Method : AK101 biked Analyte : Triflu	- Gasoline Range uorotoluene	Organics						RECOVE
Analyte : Trifluorotoluene if Spike : Surrogate - Laboratory Control, cont. 09/21/94	oiked Analyte : Triflu	uorotoluene	Organics						
Analyte : Trifluorotoluene if Spike : Surrogate - Laboratory Control, cont. 09/21/94	oiked Analyte : Triflu	uorotoluene	Organics						
## Spike : Surrogate - Laboratory Control, cont. ### O9/21/94	•								
09/21/94	ype or spike . surrog	gate - Laboratory	Control c	ont					
09/21/94			control, c	one.					
09/21/94	09/21/94	Lab Control	Sample	58710A01	NA	25.0	24.0	%.	98
09/27/94 Lab Control Duplicate 58738A01 NA 25.0 24.0 % 09/27/94 Lab Control Sample 58738A01 NA 25.0 24.0 % Number of Samples : 14 Below acceptance : 0 Mean % Recovery : 100 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 60-120 Method : AK101 - Gasoline Range Organics Analyte : Trifluorotoluene f Spike : Surrogate - Matrix Spike 09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	09/21/94	Lab Control	Duplicate	58711A01	NA	25.0	25.0	%	1
Number of Samples : 14 Below acceptance : 0 Mean % Recovery : 100 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 60-120 Method : AK101 - Gasoline Range Organics Analyte : Trifluorotoluene f Spike : Surrogate - Matrix Spike 09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	09/21/94	Lab Control	Sample	58711A01	NA	25.0	24.0	%	98
Number of Samples : 14 Below acceptance : 0 Mean % Recovery : 100 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 60-120 Method : AK101 - Gasoline Range Organics Analyte : Trifluorotoluene f Spike : Surrogate - Matrix Spike 09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	09/27/94	Lab Control	Duplicate	58738A01	NA	25.0	24.0	%	95
Mean % Recovery : 100 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 60-120 Method : AK101 - Gasoline Range Organics Analyte : Trifluorotoluene f Spike : Surrogate - Matrix Spike 09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	09/27/94	Lab Control	Sample	58738A01	NA	25.0	24.0	%	95
Standard Deviation : NC Acceptance Criteria 60-120 Method : AK101 - Gasoline Range Organics Analyte : Trifluorotoluene f Spike : Surrogate - Matrix Spike 09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	Number of S	Samples	: 14		Below accept	ance :	0		
Method : AK101 - Gasoline Range Organics Analyte : Trifluorotoluene f Spike : Surrogate - Matrix Spike 09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %		•	: 100		Above accept	ance :	0		
Analyte : Trifluorotoluene f Spike : Surrogate - Matrix Spike 09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	Standard De	eviation	: NC		Acceptance C	riteria	60-120		
09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	Method : AK101	- Gasoline Range							
		_							
	oiked Analyte : Triflu	uorotoluene	Organics						
09/15/94 G94-06-MW-03 58677A01 NA 25.0 25.0 %	oiked Analyte : Triflu ype of Spike : Surrog	uorotoluene gate - Matrix Spik	Organics e	58677A01		25.0	25.0	%	1
09/16/94 G94-06-MW-02 58684A01 NA 25.0 29.0 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94	uorotoluene gate - Matrix Spik G94-06-MW-03	Organics e			25.0 25.0	25.0 25.0		
	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03	Organics e	58677A01	NA NA	25.0	25.0	%	1 1 1
09/16/94 G94-06-MW-02 58684A01 NA 25.0 30.0 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03 G94-06-MW-02	Organics e	58677A01 58684A01	NA NA NA	25.0 25.0	25.0 29.0	% %	1 1
09/16/94 G94-06-MW-02 58684A01 NA 25.0 30.0 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 %	oiked Analyte : Triflu ype of Spike : Surrog 09/15/94 09/15/94 09/16/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02	Organics e	58677A01 58684A01 58684A01	NA NA NA	25.0 25.0 25.0	25.0 29.0 30.0	% % %	1
	oiked Analyte : Triflu ype of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05	Organics e	58677A01 58684A01 58684A01 58700A01	NA NA NA NA	25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00	% % % %	1 1 1
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94 09/19/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05	Organics e	58677A01 58684A01 58684A01 58700A01 58700A01	NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00	% % % %	1 1 1 DO
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94 09/19/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37	Organics e	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00 24.0	% % % % %	1 1 1 DO DO
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94 09/19/94 09/27/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37	Organics e	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00 24.0	% % % % %	1 1 DO DO
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 %	09/15/94 09/15/94 09/15/94 09/16/94 09/16/94 09/19/94 09/19/94 09/27/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37 G94-13-MW-37	Organics e : 8	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00 24.0 24.0	% % % % %	1 1 DO DO
	Method : AK101	- Gasoli	ne Range	ne Range Organics	ne Range Organics	ne Range Organics	ne Range Organics	ne Range Organics	ne Range Organics
	ed Analyte : Triflu e of Spike : Surrog 09/15/94	uorotoluene gate - Matrix Spik G94-06-MW-03	Organics e		NA				
09/16/94	iked Analyte : Triflu ype of Spike : Surrog 09/15/94 09/15/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03	Organics e	58677A01	NA NA	25.0	25.0	%	
	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03 G94-06-MW-02	Organics e	58677A01 58684A01	NA NA NA	25.0 25.0	25.0 29.0	% %	
09/16/94 G94-06-MW-02 58684A01 NA 25.0 30.0 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03 G94-06-MW-02	Organics e	58677A01 58684A01	NA NA NA	25.0 25.0	25.0 29.0	% %	
	oiked Analyte : Triflu ype of Spike : Surrog 09/15/94 09/15/94 09/16/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02	Organics e	58677A01 58684A01 58684A01	NA NA NA	25.0 25.0 25.0	25.0 29.0 30.0	% % %	
	oiked Analyte : Triflu ype of Spike : Surrog 09/15/94 09/15/94 09/16/94	uorotoluene gate - Matrix Spik G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02	Organics e	58677A01 58684A01 58684A01	NA NA NA	25.0 25.0 25.0	25.0 29.0 30.0	% % %	
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 %	oiked Analyte : Triflu ype of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05	Organics e	58677A01 58684A01 58684A01 58700A01	NA NA NA NA	25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00	% % % %	DO
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 %	oiked Analyte : Triflu ype of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05	Organics e	58677A01 58684A01 58684A01 58700A01	NA NA NA NA	25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00	% % % %	DO
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94 09/19/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05	Organics e	58677A01 58684A01 58684A01 58700A01 58700A01	NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00	% % % %	DO DO
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94 09/19/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37	Organics e	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00 24.0	% % % % %	DO DO 9.
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94 09/19/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37	Organics e	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00 24.0	% % % % %	DO DO 9.
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 %	oiked Analyte : Triflu Type of Spike : Surrog 09/15/94 09/15/94 09/16/94 09/19/94 09/19/94 09/27/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37	Organics e	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00 24.0	% % % % %	DO DO 9.
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 % Number of Samples : 8 Below acceptance : 0	09/15/94 09/15/94 09/15/94 09/16/94 09/16/94 09/19/94 09/19/94 09/27/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37 G94-13-MW-37	Organics e : 8	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA NA NA	25.0 25.0 25.0 25.0 25.0 25.0 25.0	25.0 29.0 30.0 0.00 0.00 24.0 24.0	% % % % %	DO DO 9
09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/19/94 G94-01-MW-05 58700A01 NA 25.0 0.00 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 % 09/27/94 G94-13-MW-37 58738A01 NA 25.0 24.0 % Number of Samples : 8 Below acceptance : 0	09/15/94 09/15/94 09/15/94 09/16/94 09/16/94 09/19/94 09/19/94 09/27/94 09/27/94 Number of S	G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-01-MW-05 G94-01-MW-05 G94-13-MW-37 G94-13-MW-37	Organics e : 8 : 104	58677A01 58684A01 58684A01 58700A01 58700A01 58738A01	NA NA NA NA NA NA NA Below accept	25.0 25.0 25.0 25.0 25.0 25.0 25.0 ance :	25.0 29.0 30.0 0.00 0.00 24.0 24.0	% % % % %	DO DO 9

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified DO = Diluted Out

58683A01

NA

25.0

92.0

ug/L

METHOD BLANK

09/17/94

92.0

	DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	Method : AK101	- Gasoline Range Organ	ics					
Spiked	Analyte : Triflu	orotoluene						
Type c	of Spike : Surrog	ate - Method Blank, co	nt.					
	09/17/94	METHOD BLANK	58684A01	NA	25.0	23.0	ug/L	92.0
	09/19/94	METHOD BLANK	58700A01	NA.	25.0	28.0	ug/L ug/L	111
	09/21/94	METHOD BLANK	58710A01	NA.	25.0	24.0	ug/L	95.0
	09/21/94	METHOD BLANK	58711A01	NA .	25.0	24.0	ug/L ug/L	97.0
	09/27/94	METHOD BLANK	58738A01	NA	25.0	24.0	ug/L ug/L	96.0

Number of Samples : 7 Below acceptance : 0
Mean % Recovery : 96.4 Above acceptance : 0
Standard Deviation : 6.75 Acceptance Criteria 60-120

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Normal Sample

09/15/94	G94-02-GW-01	58677A01	NA	25.0	25.0	ug/L	
09/15/94	G94-02-GW-03	58677A01	NA	25.0	25.0	ug/L	99.
09/15/94	G94-02-GW-04	58677A01	NA	25.0	25.0	ug/L	101
09/15/94	G94-06-MW-03	58677A01	NA	25.0	26.0	ug/L	103
09/15/94	G94-09-MW-04	58677A01	NA	25.0	25.0	ug/L	100
09/17/94	G94-09-MW-01	58683A01	NA	25.0	(F)	ug/L	DO
09/17/94	G94-09-MW-02	58683A01	NA	25.0	112	ug/L	112
09/17/94	G94-09-MW-03	58683A01	NA	25.0	95.0	ug/L	95.0
09/17/94	G94-09-MW-05	58683A01	NA	25.0	114	ug/L	114
09/17/94	G94-09-MW-06	58683A01	NA	25.0	(F)	ug/L	DO
09/17/94	G94-09-MW-15	58683A01	NA	25.0	93.0	ug/L	93.0
09/17/94	. G94-05-MW-06	58684A01	NA	25.0	24.0	ug/L	95.0
09/17/94	G94-06-MW-02	58684A01	NA	. 25.0	31.0	ug/L	124
09/17/94	G94-06-MW-05	58684A01	NA	25.0	0.00 (F)	ug/L	DO
09/17/94	G94-10-MW-03	58684A01	NA	25.0	0.00 (F)	ug/L	DO
09/20/94	G94-06-MW-06	58684A01	NA	25.0	23.0	ug/L	93.0
09/19/94	G94-01-MW-01	58700A01	NA	25.0	0.00 (F)	ug/L	DO
09/19/94	G94-01-MW-02	58700A01	NA	25.0	28.0	ug/L	110
09/19/94	G94-01-MW-05	58700A01	NA	25.0	27.0	ug/L	109
09/19/94	G94-05-MW-13	58700A01	NA	25.0	25.0	ug/L	101
09/21/94	G94-01-MW-06	58710A01	NA	25.0	29.0	ug/L	106
09/21/94	G94-06-MW-01	58710A01	NA	25.0	6600 (F)	ug/L	D0

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Normal Sample, cont.

09/21/94	G94-06-MW-07	58710A01	NA	25.0	24.0	ug/L	96.0
09/21/94	G94-10-MW-01	58710A01	NA	25.0	24.0	ug/L	98.0
09/22/94	G94-01-MW-07	58710A01	NA	25.0	24.0	ug/L	97.0
09/21/94	G94-01-MW-08	58711A01	NA	25.0	27.0	ug/L	107
09/21/94	G94-06-MW-04	58711A01	NA	25.0	28.0	ug/L	110
09/21/94	G94-09-MW-12	58711A01	·NA	25.0	36.0	mg/L	142
09/22/94	G94-09-MW-08	58711A01	NA	25.0	22.0	ug/L	90.0
09/26/94	G94-05-MW-02	58738A01	NA	25.0	26.0	ug/L	102
09/27/94	G94-05-MW-14	58738A01	NA	25.0	28.0	ug/L	111
09/27/94	G94-05-MW-15	58738A01	NA	25.0	23.0	ug/L	93.0
09/27/94	G94-13-MW-37	58738A01	NA	25.0	24.0	ug/L	96.0
09/27/94	G94-13-MW-38	58738A01	NA	25.0	25.0	ug/L	101
09/28/94	G94-05-MW-07	58738A01	NA	25.0	31.0	ug/L	125
09/29/94	G94-05-MW-03	58738A01	NA	25.0	28.0	ug/L	110
09/29/94	G94-05-MW-11	58738A01	NA	25.0	41.0 (F)	ug/L	163
09/30/94	G94-05-MW-04	58738A01	NA	25.0	32.0	ug/L	130
09/30/94	G94-05-MW-05	58738A01	NA	25.0	28.0	ug/L	111
		·					

: 39 : 107 Number of Samples Mean % Recovery : 15.3 Standard Deviation

Below acceptance : 0 Above acceptance : 5 Acceptance Criteria 60-120

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Trip Blank

09/15/94	G94-TB-01	58677A01	NA	25.0	25.0	ug/L	99.0
09/17/94	G94-TB-02	58683A01	NA	25.0	95.0	ug/L	95.0
09/17/94	G94-TB-03	58684A01	NA	25.0	24.0	ug/L	97.0
09/19/94	G94-TB-04	58700A01	NA	25.0	28.0	ug/L	110
09/21/94	G94-TB-06	58710A01	NA	25.0	24.0	ug/L	98.0
09/22/94	G94-TB-05	58711A01	NA	25.0	24.0	ug/L	98.0
09/27/94	G94-TB-07	58738A01	NA	25.0	23.0	ug/L	93.0

: 7 Number of Samples : 98.6 Mean % Recovery Standard Deviation : 5.44

Below acceptance: 0
Above acceptance: 0 Acceptance Criteria 60-120

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
	- Diesel Range Organics						
iked Analyte : Diesel ype of Spike : Labora							
09/16/94	Lab Control Duplicate	58677B01	NA	8.00	4.60	%	5
09/16/94	Lab Control Sample	58677B01	NA	8.00	4.30	%	5
09/18/94	Lab Control Duplicate	58683B01	NA	8.00	4.60	%	5
09/18/94	Lab Control Sample	58683B01	NA	8.00	4.30	%	5
09/16/94	Lab Control Duplicate	58684B01	NA	8.00	4.30	%	5
09/16/94	Lab Control Sample	58684B01	NA	8.00	4.60	%	5
09/21/94	Lab Control Duplicate	58700B01	NA	8.00	6.10	%	6
09/21/94	Lab Control Sample	58700B01	NA	8.00	5.50	%	€
09/21/94	Lab Control Duplicate	587 10 B01	NA	8.00	5.50	%	6
09/21/94	Lab Control Sample	58710801	NA	8.00	6.10	%	7
09/22/94	Lab Control Duplicate	58711B01	NA	8.00	5.50	%	6
09/22/94	Lab Control Sample	58711B01	NA	8.00	6.10	%	7
09/30/94	Lab Control Duplicate	58738B01	NA	8.00	5.70	%	8
09/30/94 	Lab Control Sample	58738B01	NA	8.00	7.10	%	
Number of S	•		Below accepta	nce :	 10		
Mean % Reco	-		Above accepta	ance :	0		
Standard De	viation : NC		Acceptance Cr	riteria 7	5-125		
	- Diesel Range Organics						
ked Analyte : Diesel							
oe of Spike : Matrix	Spike						
09/16/94	G94-06-MW-03	58677801	F0 0	ó 00	4 20	01	_
09/16/94	G94-06-MW-03	58677B01	58.0	8.00	4.30	%	5
09/16/94	G94-06-MW-03	58677B01	58.0	8.00	4.20	%	5
09/16/94	G94-06-MW-02	58684B01	0.00	8.00	5.40	%	6
09/21/94	G94-01-MW-05	58684B01 58700B01	0.00	8.00	5.20	%	6
09/21/94	G94-01-MW-05	58700B01	0.00	8.00	5.50	%	6
09/30/94	G94-13-MW-37	58738B01	0.00 34.0	8.00	5.30	%	6
09/30/94	G94-13-MW-37	58738B01	34.0	8.00 8.00	7.00 9.80	% %	8
Number of Sa	amples : 8		Relow accepts		·		
Mean % Recov	•		Below accepta				
			Above accepta	nce: 1	•		

Standard Deviation

Acceptance Criteria 60-120

: 22.8

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
							1
Method : AK102 -	Diesel Range Organics						
Spiked Analyte : Tetracos	ane						
Type of Spike : Surrogate	e - Field Duplicate						
09/17/94	G94-06-MW-03-FD	58677801	NA	25.0	15.0	ug/L	57.0
09/18/94	G94-09-MW-05-FD	58683B01	NA	25.0	20.0	ug/L	73.0
09/21/94	G94-01-MW-01-FD	58700B01	NA	25.0	19.0	ug/L	69.0
09/30/94	G94-05-MW-02-FD	58738B01	NA	25.0	21.0	ug/L	78.0
10/01/94	G94-13-MW-37-FD	58738801	NA	25.0	24.0	ug/L	90.0
Number of Sam	ples : 5		Below accept	 ance :	1		
Mean % Recover	ry : 73.	. 4	.Above accept	ance :	0		
Standard Devia	ation : 12.	. 1	Acceptance C	riteria 6	80-120		

Method : AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Laboratory Control

09/16/94	Lab Control Duplica	te 58677B01	NA	27.0	18.0	%	68.0
09/16/94	Lab Control Sample	58677B01	NA	27.0	19.0	%	70.0
09/18/94	Lab Control Duplica	te 58683B01	NA	27.0	18.0	%	68.0
09/18/94	Lab Control Sample	58683B01	NA	27.0	23.0	%	85.0
09/16/94	Lab Control Duplica	te 58684B01	NA	27.0	20.0	%	74.0
09/16/94	Lab Control Sample	58684B01	NA	27.0	16.0	%	60.0
09/21/94	Lab Control Duplica	te 58700B01	NA	27.0	26.0	%	96.0
09/21/94	Lab Control Sample	58700B01	NA	27.0	26.0	%	97.0
09/21/94	Lab Control Duplica	te 58710B01	NA	27.0	25.0	%	93.0
09/21/94	Lab Control Sample	58710B01	NA	27.0	26.0	%	97.0
09/22/94	Lab Control Duplica	te 58711B01	NA	27.0	25.0	%	93.0
09/22/94	Lab Control Sample	58711B01	NA	27.0	26.0	%	97.0
09/30/94	Lab Control Duplica	te 58738B01	NA	27.0	32.0	%	117
09/30/94	Lab Control Sample	58738B01	NA	27.0	31.0	%	114

Number of Samples : 14
Mean % Recovery : 87.8
Standard Deviation : NC Below acceptance : 0 Above acceptance : 0

Acceptance Criteria 60-120

DATE ANALYZED	SAMPLE ID	BATCH IÐ	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERMENT
Method : AK102	- Diesel Range Organi	cs					
Spiked Analyte : Tetraco	osane						
Type of Spike : Surroga	ate - Matrix Spike						

09/16/94	G94-06-MW-03	58677B01	NA	27.0	19.0	%	70.0
09/16/94	G94-06-MW-03	58677B01	NA	27.0	18.0	%	68.0
09/16/94	G94-06-MW-02	58684B01	NA	27.0	20.0	%	74.0
09/16/94	G94-06-MW-02	58684B01	NA	27.0	16.0	%	60.0
09/21/94	G94-01-MW-05	58700B01	NA	27.0	26.0	%	96.0
09/21/94	G94-01-MW-05	58700B01	NA	27.0	26.0	%	97.0
09/30/94	G94-13-MW-37	58738B01	NA	27.0	26.0	%	98.0
09/30/94	G94-13-MW-37	58738B01	NA	27.0	37.0	%	137

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 87.5 Above acceptance : 1
Standard Deviation : 24.9 Acceptance Criteria 60-120

Method : AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Method Blank

09/16/94	METHOD BLANK	58677B01	NA	25.0	15.0	ug/L	56.0
09/18/94	METHOD BLANK	58683B01	NA	25.0	15.0	ug/L	56.0
09/20/94	METHOD BLANK	58684B01	NA	25.0	15.0	ug/L	56.0
09/21/94	METHOD BLANK	58700B01	NA	25.0	22.0	ug/L	83.0
09/21/94	METHOD BLANK	58710B01	NA	25.0	22.0	ug/L	83.0
09/22/94	METHOD BLANK	58711B01	NA	25.0	22.0	ug/L	83.0
09/30/94	METHOD BLANK	58738B01	NA	25.0	24.0	ug/L	89.0

Number of Samples: 7Below acceptance : 3Mean % Recovery: 72.3Above acceptance : 0Standard Deviation: 15.4Acceptance Criteria 60-120

Method : AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Normal Sample

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method: AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Normal Sample, cont.

09/16/94	G94-06-MW-03	58677B01	NA	25.0	15.0	ug/L	54.0
09/17/94	G94-02-GW-01	58677B01	NA	25.0	28.0	ug/L	105
09/17/94	G94-02-GW-03	58677B01	NA	25.0	16.0	ug/L	58.0
09/17/94	G94-02-GW-04	58677B01	NA	25.0	17.0	ug/L	62.0
09/19/94	G94-09-MW-04	58677B01	NA	25.0	20.0	ug/L	74.0
09/17/94	G94-09-MW-03	58683B01	NA	25.0	22.0	ug/L	82.0
09/17/94	G94-09-MW-06	58683B01	NA	25.0	21.0	ug/L	79.0
09/18/94	G94-09-MW-01	58683B01	NA	25.0	28.0	ug/L	104
09/18/94	G94-09-MW-02	58683B01	NA	25.0	31.0	ug/L	115
09/18/94	G94-09-MW-05	58683B01	NA	25.0	25.0	ug/L	94.0
09/18/94	G94-09-MW-15	58683B01	NA	25.0	28.0	ug/L	104
09/20/94	G94-05-MW-06	58684B01	NA	25.0	18.0	ug/L	68.0
09/20/94	G94-06-MW-02	58684B01	NA	25.0	19.0	ug/L	71.0
09/20/94	G94-06-MW-05	58684B01	NA	25.0	17.0	ug/L	62.0
09/20/94	G94-06-MW-06	58684B01	NA	25.0	19.0	ug/L	72.0
09/20/94	G94-10-MW-03	58684B01	NA	25.0	20.0	ug/L	74.0
09/21/94	G94-01-MW-01	58700B01	NA	25.0	19.0	ug/L	70.0
09/21/94	G94-01-MW-02	58700B01	NA	25.0	29.0	ug/L	106
09/21/94	G94-01-MW-05	58700B01	NA	25.0	22.0	ug/L	83.0
09/21/94	G94-05-MW-13	58700B01	NA	25.0	28.0	ug/L	103
09/21/94	G94-01-MW-06	5871 0 B01	NA	25.0	27.0	ug/L	101
09/21/94	G94-01-MW-07	58710B01	NA	25.0	27.0	ug/L	99.0
09/21/94	G94-06-MW-01	58710B01	NA	25.0	22.0	ug/L	83.0
09/21/94	G94-06-MW-07	5871 0 B01	NA	25.0	19.0	ug/L	70.0
09/21/94	G94-10-MW-01	58710B01	NA	25.0	28.0	ug/L	103
09/21/94	G94-01-MW-08	58711B01	NA	25.0	31.0	ug/L	113
09/21/94	G94-06-MW-04	58711B01	NA	25.0	25.0	ug/L	94.0
09/21/94	G94-09-MW-08	58711B01	NA	25.0	21.0	ug/L	76.0
09/22/94	G94-09-MW-12	58711B01	NA	25.0	0.00 (F)	ug/L	DO
09/30/94	G94-05-MW-02	58738B01	NA	25.0	31.0	ug/L	115
09/30/94	G94-05-MW-03	58738B01	NA	25.0	19.0	ug/L	69.0
09/30/94	G94-05-MW-04	58738B01	NA	25.0	25.0	ug/L	91.0
09/30/94	G94-05-MW-05	58738B01	NA	25.0	19.0	ug/L	70.0
09/30/94	G94-05-MW-07	58738B01	NA	25.0	18.0	ug/L	66.0
09/30/94	G94-05-MW-11	58738B01	NA	25.0	20.0	ug/L	75.0
09/30/94	G94-05-MW-14	58738B01	NA	25.0	22.0	ug/L	81.0
09/30/94	G94-05-MW-15	58738B01	NA	25.0	19.0	ug/L	71.0
10/01/94	G94-13-MW-37	58738B01	NA	25.0	22.0	ug/L	83.0
10/01/94	G94-13-MW-38	58738B01	NA	25.0	21.0	ug/L	79.0
 					- 		

Number of Samples : 39 : 83.7 Mean % Recovery

: 17.1 Standard Deviation

Below acceptance : Above acceptance :

Acceptance Criteria 60-120

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
,							
Method : SW6010	- Metals						
iked Analyte : Alumin	um						
ype of Spike : Labora	tory Control						
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.78	mg/L	98
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	9.70	mg/L	97
	LCS946557	EMJA6141005100003	NA	10.0	9.38	mg/L	94
10/05/94	LC334033/	FURNOTATO02100002	117	10.0	0.00	mg/ L	
10/05/94 10/05/94	LCS946725	EMJA6141005100003	NA NA	10.0	9.84	mg/L	98
· ·						•	
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	9.84	mg/L	97
10/05/94 10/05/94	LCS946725 LCSD946378	EMJA6141005100003 EMJA6141005100001	NA NA	10.0 10.0	9.84 9.71	mg/L mg/L mg/L	97 95
10/05/94 10/05/94 10/05/94	LCS946725 LCSD946378 LCSD946396	EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA	10.0 10.0 10.0	9.84 9.71 9.54	mg/L mg/L mg/L mg/L	97 95 94
10/05/94 10/05/94 10/05/94 10/05/94	LCS946725 LCSD946378 LCSD946396 LCSD946557	EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141005100003	NA NA NA	10.0 10.0 10.0 10.0	9.84 9.71 9.54 9.41	mg/L mg/L mg/L	98 97 95 94 98

Number of Samples : 10 Mean % Recovery : 97.1 : NC Standard Deviation

Below acceptance : Above acceptance : 0

Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Aluminum Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0125	10.0	9.82	mg/Ĺ	98.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0125	10.0	9.81	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0427	10.0	9.54	mg/L	96.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0427	10.0	9.54	mg/L	96.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0315	10.0	9.90	mg/L	99.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0315	10.0	9.98	mg/L	100

: 6 Number of Samples Mean % Recovery : 97.8 Standard Deviation : 1.60

Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Antimony

Type of Spike : Laboratory Control

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010	- Metals							
Spiked Analyte : Antimo	ny							
Type of Spike : Labora	tory Control, co	nt.						
10/05/94	LCS946378		EMJA6141005100001	NA	1.00	1.06	mg/L	106
10/05/94	LCS946396		EMJA6141005100001	NA	1.00	1.05	mg/L	105
10/05/94	LCS946557		EMJA6141005100003	NA	1.00	0.876	mg/L	88.0
10/05/94	LCS946725		EMJA6141005100003	NA	1.00	1.02	mg/L	102
10/05/94	LCSD946378		EMJA6141005100001	NA	1.00	1.09	mg/L	109
10/05/94	LCSD946396		EMJA6141005100001	NA	1.00	0.999	mg/L	100
10/05/94	LCSD946557		EMJA6141005100003	NA	1.00	0.896	mg/L	90.0
10/05/94	LCSD946725		EMJA6141005100003	NA	1.00	0.966	mg/L	97.0
10/13/94	LCS946909		EMJA6141013184501	NA	1.00	0.970	mg/L	97.0
10/13/94	LCSD946909		EMJA6141013184501	NA	1.00	0.979	mg/L	98.0
Number of S	amples	: 10		Below accept	ance :	0		
Mean % Reco	•	: 99.2		Above accept	ance :	0		

Method: SW6010 - Metals

Standard Deviation

: NC

Spiked Analyte : Antimony Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0138	1.00	0.956	mg/L	94.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0138	1.00	1.05	mg/L	104
10/05/94	G94-13-MW-37	EMJA6141005100003	0.0300	1.00	0.960	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.0300	1.00	0.904	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0257	1.00	0.929	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0257	1.00	1.01	mg/L	98.0

Number of Samples : 6 Below acceptance : 0 : 94.3 Mean % Recovery Above acceptance : 0 : 6.02 Standard Deviation Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Arsenic

Type of Spike : Laboratory Control

Acceptance Criteria 80-120

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW6010) - Metals						
ked Analyte : Arseni	С						
ype of Spike : Labora	tory Control, cont.						
10/05/94	LCS946378	EM 14 C1 41 00 E1 00 001	11.4	1 00	0.000		
10/05/94	LC3946378	EMJA6141005100001	NA	1.00	0.936	mg/L	9
10/05/94	LCS946396	EMJA6141005100001	na Na	1.00	0.936	mg/L mg/L	
						mg/L	ç
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.981	mg/L mg/L	9
10/05/94 10/05/94	LCS946396 LCS946513	EMJA6141005100001 EMJA6141005100001	NA NA	1.00 1.00	0.981 0.948	mg/L mg/L mg/L	9 9 8
10/05/94 10/05/94 10/05/94	LCS946396 LCS946513 LCS946557	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003	NA NA NA	1.00 1.00 1.00	0.981 0.948 0.868	mg/L mg/L mg/L mg/L	9
10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946513 LCS946557 LCS946725	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003 EMJA6141005100003	NA NA NA	1.00 1.00 1.00 1.00	0.981 0.948 0.868 0.996 0.982	mg/L mg/L mg/L mg/L mg/L	9 9
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946513 LCS946557 LCS946725 LCSD946378	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001	NA NA NA NA	1.00 1.00 1.00 1.00 1.00	0.981 0.948 0.868 0.996 0.982 0.929	mg/L mg/L mg/L mg/L mg/L	9 9
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946513 LCS946557 LCS946725 LCSD946378 LCSD946396	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA NA NA	1.00 1.00 1.00 1.00	0.981 0.948 0.868 0.996 0.982 0.929 0.960	mg/L mg/L mg/L mg/L mg/L mg/L	9 9 9
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946513 LCS946557 LCS946725 LCSD946378 LCSD946396 LCSD946513	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141005100001	NA NA NA NA NA	1.00 1.00 1.00 1.00 1.00 1.00 1.00	0.981 0.948 0.868 0.996 0.982 0.929 0.960 0.912	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	9 9 9
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946513 LCS946557 LCS946725 LCSD946378 LCSD946396 LCSD946513	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141005100001 EMJA6141005100001	NA NA NA NA NA NA	1.00 1.00 1.00 1.00 1.00 1.00	0.981 0.948 0.868 0.996 0.982 0.929 0.960	mg/L mg/L mg/L mg/L mg/L mg/L	9 9 9

Number of Samples Mean % Recovery Standard Deviation : 12 : 95.1 : NC

Below acceptance : Above acceptance :

0 Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Arsenic Type of Spike : Matrix Spike

10/05/94 10/05/94 10/05/94 10/05/94 10/13/94	G94-06-MW-05D G94-06-MW-05D G94-13-MW-37 G94-13-MW-37 G94-04-MW-03-02	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501	-0.0654 -0.0654 -0.0349 -0.0349 0.00809	1.00 1.00 1.00 1.00	0.906 0.895 0.855 0.865 0.954	mg/L mg/L mg/L mg/L	97.0 96.0 89.0 90.0 95.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00809	1.00	0.937	mg/L	93.0

Number of Samples : 6 Mean % Recovery : 93.3 Standard Deviation : 3.27

Below acceptance :

Above acceptance : 0

Acceptance Criteria 75-125

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

A-2.1-12

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010	- Metals							
Spiked Analyte : Barium	1							
Type of Spike : Labora	tory Control							
10/05/94	LCS946378		EMJA6141005100001	NA	1.00	0.976	mg/L	98.0
10/05/94	LCS946396		EMJA6141005100001	NA	1.00	0.964	mg/L	96.0
10/05/94	LCS946513		EMJA6141005100001	NA	1.00	0.970	mg/L	97.0
10/05/94	LCS946557		EMJA6141005100003	NA	1.00	0.953	mg/L	95.0
10/05/94	LCS946725		EMJA6141005100003	NA	1.00	0.990	mg/L	99.0
10/05/94	LCSD946378		EMJA6141005100001	NA	1.00	0.966	mg/L	97.0
10/05/94	LCSD946396		EMJA6141005100001	NA	1.00	0.944	mg/L	94.0
10/05/94	LCSD946513		EMJA6141005100001	NA	1.00	0.984	mg/L	98.0
10/05/94	LCSD946557		EMJA6141005100003	NA	1.00	0.945	mg/L	95.0
10/05/94	LCSD946725		EMJA6141005100003	NA	1.00	1.01	mg/L	103
10/13/94	LCS946909		EMJA6141013184501	NA	1.00	0.983	mg/L	98.0
10/13/94	LCSD946909		EMJA6141013184501	NA	1.00	0.979	mg/L	98.0
Number of S	amples	: 12		Below accept	ance :	0		
Mean % Reco	very	: 97.2		Above accept	ance :	0		

Method : SW6010 - Metals

Standard Deviation

Spiked Analyte : Barium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	0.188	1.00	1.15	mg/L	96.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.188	1.00	1.14	mg/L	95.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.165	1.00	1.10	mg/L	94.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.165	1.00	1.10	mg/L	93.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.496	1.00	1.45	mg/L	96.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.496	1.00	1.47	mg/L	97.0

Number of Samples : 6 Below acceptance : : 95.2 : 1.47 Above acceptance : Mean % Recovery Standard Deviation Acceptance Criteria 75-125

: NC

NC = Not Calculable NS = Not Specified Date Compiled: 22 March 1995 ND = Not Detected

Acceptance Criteria 80-120

0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
					1				
Method : SW6010									
riked Analyte : Beryll									
ype of Spike : Labora	itory Control								
10/05/94	LCS946378			EMJA6141005100001	NA	1.00	1.06	mg/L	1
10/05/94	LCS946396			EMJA6141005100001	NA	1.00	1.07	mg/L]
10/05/94	LCS946557			EMJA6141005100003	NA	1.00	1.00	mg/L	1
10/05/94	LCS946725			EMJA6141005100003	NA	1.00	1.07	mg/L	:
10/05/94	LCSD946378			EMJA6141005100001	NA	1.00	1.06	mg/L	
10/05/94	LCSD946396			EMJA6141005100001	NA	1.00	1.05	mg/L	
10/05/94	LCSD946557			EMJA6141005100003	NA	1.00	1.00	mg/L	
10/05/94	LCSD946725			EMJA6141005100003	NA	1.00	1.09	mg/L	
10/13/94	LCS946909			EMJA6141013184501	NA	1.00	1.01	mg/L	
10/13/94	LCSD946909			EMJA6141013184501	NA	1.00	1.01	mg/L	:
Number of S	amples	:	10	~~~~~~~~	Below accept	ance :	0		
Mean % Reco		:	104		Above accept		0		
Standard De	viation	:	NC		Acceptance C		30-120		

Standard Deviation

Method : SW6010 - Metals

Spiked Analyte : Beryllium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00109	1.00	1.07	mg/L	107
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00109	1.00	1.07	mg/L	107
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00163	1.00	1.04	mg/L	104
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00163	1.00	1.04	mg/L	104
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00247	1.00	1.00	mg/L	100
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00247	1.00	1.00	mg/L	100

Number of Samples : 6 Mean % Recovery : 104 : 3.14 Standard Deviation

Below acceptance :

Above acceptance : 0

Acceptance Criteria 75-125

0

Method : SW6010 - Metals

Spiked Analyte : Cadmium

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

		ORIG.	AMOUNT	AMOUNT	RESULT	%
SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
- Metals						
1						
cory Control, cont.						
LCS946378	EMJA6141005100001	NA	1.00	0.931	mg/L	93.0
LCS946396	EMJA6141005100001	NA	1.00	0.968	mg/L	97.0
LCS946513	EMJA6141005100001	NA	1.00	0.961	mg/L	96.0
LCS946557	EMJA6141005100003	NA	1.00	0.862	mg/L	86.0
LCS946725	EMJA6141005100003	NA	1.00	0.928	mg/L	93.0
LCSD946378	EMJA6141005100001	NA	1.00	0.944	mg/L	94.0
LCSD946396	EMJA6141005100001	NA	1.00	0.955	mg/L	95.0
LCSD946513	EMJA6141005100001	NA	1.00	0.967	mg/L	97.0
LCSD946557	EMJA6141005100003	NA	1.00	0.869	mg/L	87.0
LCSD946725	EMJA6141005100003	NA	1.00	0.960	mg/L	96.0
LCS946909	EMJA6141013184501	NA	1.00	0.925	mg/L	93.0
LCSD946909	EMJA6141013184501	NA	1.00	0.930	mg/L	93.0
		Colow accept		·		
		•				
	- Metals cory Control, cont. LCS946378 LCS946396 LCS946513 LCS946557 LCS946725 LCSD946378 LCSD946378 LCSD946557 LCSD946557 LCSD946557 LCSD946909 LCSD946909	- Metals cory Control, cont. LCS946378 EMJA6141005100001 LCS946396 EMJA6141005100001 LCS946513 EMJA6141005100001 LCS946557 EMJA6141005100003 LCS946725 EMJA6141005100001 LCSD946378 EMJA6141005100001 LCSD946396 EMJA6141005100001 LCSD946513 EMJA6141005100001 LCSD946557 EMJA6141005100001 LCSD946725 EMJA6141005100003 LCSD946725 EMJA6141005100003 LCSD946909 EMJA6141013184501 EMDPLES : 12	SAMPLE ID BATCH ID RESULT	SAMPLE ID BATCH ID RESULT SPIKED	SAMPLE ID BATCH ID RESULT SPIKED RECOVERED	SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT

Standard Deviation

Spiked Analyte : Cadmium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000470	1.00	0.932	mg/L	93.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000470	1.00	0.926	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000820	1.00	0.852	mg/L	85.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000820	1.00	0.871	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.000900	1.00	0.885	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.000900	1.00	0.890	mg/L	89.0

: 6 : 89.2 : 3.25 Number of Samples Mean % Recovery Standard Deviation

Below acceptance : Above acceptance : Acceptance Criteria 75-125

Acceptance Criteria 80-120

NS = Not Specified

Γ % RECOV ⊊ ≧	RESULT UNIT	AMOUNT RECOVERED	AMOUNT SPIKED	ORIG. RESULT	BATCH ID	SAMPLE ID	DATE ANALYZED

Spiked Analyte : Calcium

Type of Spike : Laboratory Control

10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.80	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	10.1	mg/L	101
10/05/94	LCS946557	EMJA6141005100003	NA	10.0	9.56	mg/L	96.0
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	10.3	mg/L	103
10/05/94	LCSD946378	EMJA6141005100001	NA	10.0	9.96	mg/L	100
10/05/94	LCSD946396	EMJA6141005100001	NA	10.0	9.99	mg/L	100
10/05/94	LCSD946557	EMJA6141005100003	NA	10.0	9.65	mg/L	97.0
10/05/94	LCSD946725	EMJA6141005100003	NA	10.0	10.3	mg/L	103
10/13/94	LCS946909	EMJA6141013184501	NA	10.0	10.3	mg/L	103
10/13/94	LCSD946909	EMJA6141013184501	NA	10.0	10.3	mg/L	103
						J, .	

Number of Samples Mean % Recovery : 100 Standard Deviation : NC

Below acceptance : Above acceptance : 0

Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Calcium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	138	10.0	146	mg/L	83.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	138	10.0	150	mg/L	118
10/05/94	G94-13-MW-37	EMJA6141005100003	164	10.0	177	mg/L	129
10/05/94	G94-13-MW-37	EMJA6141005100003	164	10.0	179	mg/L	148
10/13/94	G94-04-MW-03-02	EMJA6141013184501	319	10.0	328	mg/L	86.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	319	10.0	335	mg/L	155

Number of Samples : 6 Mean % Recovery : 120 Standard Deviation : 30.4

Below acceptance : 0 Above acceptance : Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Chromium

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
	5AMFLE 10						
Method : SW6010) - Metals						
Spiked Analyte : Chromi							
Type of Spike : Labora							
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,						
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.965	mg/L	97.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.987	mg/L	99.0
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.992	mg/L	99.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.877	mg/L	88.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.945	mg/L	95.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.985	mg/L	98.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.976	mg/L	98.0
10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.999	.mg/L	100
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.887	mg/L	89.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.968	mg/L	97.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
Number of S	amples :	12	 Below accept	ance :	0		
Mean % Reco	•		Above accept		0		

Standard Deviation

Spiked Analyte : Chromium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	0.000660	1.00	0.931	mg/L	93.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.000660	1.00	0.938	mg/L	94.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00207	1.00	0.867	mg/L	87.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00207	1.00	0.868	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.000520	1.00	0.902	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.000520	1.00	0.916	mg/L	92.0

Number of Samples Mean % Recovery : 90.5 Standard Deviation : 3.02

Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 75-125

Acceptance Criteria 80-120

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
				~~~			
Method : SW6010	) - Metals						
iked Analyte : Cobalt							
ype of Spike : Labora	tory Control						
10/05/04							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.957	mg/L	96.
						9, _	
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.982	mg/L	
10/05/94 10/05/94	LCS946396 LCS946557	EMJA6141005100001 EMJA6141005100003	NA NA			•	98
· ·				1.00	0.982	mg/L mg/L	98 89
10/05/94	LCS946557	EMJA6141005100003	NA	1.00 1.00	0.982 0.886	mg/L mg/L mg/L	98 89 95
10/05/94 10/05/94	LCS946557 LCS946725	EMJA6141005100003 EMJA6141005100003	NA NA	1.00 1.00 1.00	0.982 0.886 0.948 0.972	mg/L mg/L mg/L mg/L	98 89 95 97
10/05/94 10/05/94 10/05/94	LCS946557 LCS946725 LCSD946378	EMJA6141005100003 EMJA6141005100003 EMJA6141005100001	NA NA NA	1.00 1.00 1.00 1.00	0.982 0.886 0.948 0.972 0.980	mg/L mg/L mg/L mg/L mg/L	98 89 95 97 98
10/05/94 10/05/94 10/05/94 10/05/94	LCS946557 LCS946725 LCSD946378 LCSD946396	EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA	1.00 1.00 1.00 1.00 1.00	0.982 0.886 0.948 0.972 0.980 0.897	mg/L mg/L mg/L mg/L mg/L	98 89 95 97 98
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946557 LCS946725 LCSD946378 LCSD946396 LCSD946557	EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141005100003	NA NA NA NA	1.00 1.00 1.00 1.00	0.982 0.886 0.948 0.972 0.980	mg/L mg/L mg/L mg/L mg/L	98 89 95

Number of Samples: 10Below acceptance : 0Mean % Recovery: 95.0Above acceptance : 0Standard Deviation: NCAcceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Cobalt

Type of Spike : Matrix Spike

10/05/94 10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00	1.00	0.961	mg/L	96.0
	G94-06-MW-05D	EMJA6141005100001	0.00	1.00	0.940	mg/L	94.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00182	1.00	0.877	mg/L	88.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00182	1.00	0.881	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0375	1.00	0.942	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0375	1.00	0.929	mg/L	89.0

Number of Samples: 6Below acceptance : 0Mean % Recovery: 90.8Above acceptance : 0Standard Deviation: 3.37Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Copper

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Copper

Type of Spike : Laboratory Control, cont.

10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.977	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.969	mg/L	97.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.937	mg/L	94.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.984	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.970	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.949	mg/L	95.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.939	mg/L	94.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	1.00	mg/L	100
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.973	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.964	mg/L	96.0

Number of Samples : 10 : 96.6 Mean % Recovery : NC Standard Deviation

Below acceptance : Above acceptance : 0 Acceptance Criteria 80-120

Method: SW6010 - Metals

Spiked Analyte : Copper

Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00648	1.00	0.968	mg/Ĺ	96.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00648	1.00	0.970	mg/L	96.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00529	1.00	0.932	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00529	1.00	0.935	mg/L	93.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00389	1.00	0.952	mg/L	95.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00389	1.00	0.940	mg/L	94.0

Number of Samples Below acceptance : 0 : 6 Mean % Recovery : 94.5 Above acceptance : 0 Standard Deviation : 1.38 Acceptance Criteria 75-125

Method: SW6010 - Metals

Spiked Analyte : Iron

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW6010	- Metals						
oiked Analyte : Iron							
ype of Spike : Labora	tory Control, cont.						
10/05/04	1.000.400.70	EM 14 C1 41 00E1 00001	NI A		10 1		
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	10.1	mg/L	10
10/05/94 10/05/94	LCS946396	EMJA6141005100001	NA NA	10.0	10.1	mg/L mg/L	
• •						-	10 10 92.
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	10.2	mg/L	10
10/05/94 10/05/94	LCS946396 LCS946557	EMJA6141005100001 EMJA6141005100003	NA NA	10.0 10.0	10.2 9.18	mg/L mg/L	10 92. 98.
10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003	NA NA NA	10.0 10.0 10.0	10.2 9.18 9.83	mg/L mg/L mg/L mg/L	10 92. 98. 10
10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725 LCSD946378	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001	NA NA NA	10.0 10.0 10.0 10.0	10.2 9.18 9.83 10.1	mg/L mg/L mg/L mg/L mg/L	10 92. 98. 10 10
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725 LCSD946378 LCSD946396	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA NA	10.0 10.0 10.0 10.0 10.0	10.2 9.18 9.83 10.1 10.0	mg/L mg/L mg/L mg/L mg/L	10 92. 98. 10 10 92.
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725 LCSD946378 LCSD946396 LCSD946557	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001 EMJA6141005100003	NA NA NA NA NA	10.0 10.0 10.0 10.0 10.0	10.2 9.18 9.83 10.1 10.0 9.25	mg/L mg/L mg/L mg/L mg/L	10 92. 98. 10

Number of Samples : 10 Below acceptance : 0
Mean % Recovery : 97.9 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Iron

Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0223	10.0	9.87	mg/L	99.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0223	10.0	9.82	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00124	10.0	9.08	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00124	10.0	9.07	mg/L	91.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	2.63	10.0	11.8	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	2.63	10.0	11.9	mg/L	92.0

Number of Samples: 6Below acceptance : 0Mean % Recovery: 93.8Above acceptance : 0Standard Deviation: 3.66Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Lead

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010	) - Metals						
piked Analyte : Lead	, ictars						
Type of Spike : Labora	itory Control, cont.						
•							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.935	mg/L	93.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.988	mg/L	99.
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.995	mg/L	99.
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.865	mg/L	87.
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.926	mg/L	93.
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.942	mg/L	94.
	LCSD946396	EMJA6141005100001	NA	1.00	0.944	mg/L	94.
10/05/94	LC3D340330						
• •	LCSD946513	EMJA6141005100001	NA	1.00	0.971	mg/L	97.
10/05/94		EMJA6141005100001 EMJA6141005100003	NA NA	1.00 1.00	0.971 0.891	mg/L mg/L	
10/05/94 10/05/94	LCSD946513					_	89.
10/05/94	LCSD946513 LCSD946557	EMJA6141005100003	NA	1.00	0.891	mg/L	97.0 89.0 93.0 94.0

Number of Samples Below acceptance : Mean % Recovery : 93.8 Above acceptance : Standard Deviation : NC Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Lead

Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0470	1.00	0.920	mg/L	97.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0470		0.879	mg/L	93.0
10/05/94 10/05/94	G94-13-MW-37 G94-13-MW-37	EMJA6141005100003 EMJA6141005100003	-0.0433 -0.0433	1.00	0.817	mg/L mg/L	86.0 85.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0156	1.00	0.876	mg/L	86.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0156	1.00	0.899	mg/L	88.0

: 6 : 89.2 : 4.79 Number of Samples Below acceptance : Above acceptance : Mean % Recovery Acceptance Criteria 75-125 Standard Deviation

ND = Not Detected Date Compiled: 22 March 1995

NC = Not Calculable

NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW6010	) - Metals						
piked Analyte : Magnes	i um						
Type of Spike : Labora	tory Control						
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.92	mg/L	99
10/05/94 10/05/94	LCS946378 LCS946396	EMJA6141005100001 EMJA6141005100001	NA NA	10.0 10.0	9.92 9.92	mg/L mg/L	99 99
						mg/L	99
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	9.92	mg/L mg/L	99 99 96 1
10/05/94 10/05/94	LCS946396 LCS946557	EMJA6141005100001 EMJA6141005100003	NA NA	10.0 10.0	9.92 9.64	mg/L mg/L mg/L	99 96 1
10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003	NA NA NA	10.0 10.0 10.0	9.92 9.64 10.1	mg/L mg/L mg/L mg/L	99 96
10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725 LCSD946378	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001	NA NA NA NA	10.0 10.0 10.0 10.0	9.92 9.64 10.1 9.92	mg/L mg/L mg/L mg/L mg/L	99 96 1 99 97
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725 LCSD946378 LCSD946396	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA NA	10.0 10.0 10.0 10.0 10.0	9.92 9.64 10.1 9.92 9.69	mg/L mg/L mg/L mg/L mg/L	99 96 1 99 97
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946396 LCS946557 LCS946725 LCSD946378 LCSD946396 LCSD946557	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA NA NA	10.0 10.0 10.0 10.0 10.0	9.92 9.64 10.1 9.92 9.69 9.61	mg/L mg/L mg/L mg/L mg/L	99 96 1 99

: 98.5 Mean % Recovery Above acceptance : Standard Deviation : NC Acceptance Criteria 80-120

Method: SW6010 - Metals Spiked Analyte : Magnesium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	14.0	10.0	24.2	mg/L	102
10/05/94	G94-06-MW-05D	EMJA6141005100001	14.0	10.0	23.8	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	31.9	10.0	42.1	mg/L	102
10/05/94	G94-13-MW-37	EMJA6141005100003	31.9	10.0	42.3	mg/L	104
10/13/94	G94-04-MW-03-02	EMJA6141013184501	73.0	10.0	83.1	mg/L	101
10/13/94	G94-04-MW-03-02	EMJA6141013184501	73.0	10.0	82.0	mg/L	90.0

0

Number of Samples : 6 Below acceptance : 0 Above acceptance : Mean % Recovery : 99.5 0 Standard Deviation : 5.05 Acceptance Criteria 75-125

Method : SW6010 - Metals Spiked Analyte : Manganese

Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report <math>DO = Diluted Out

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Manganese

Type of Spike : Laboratory Control, cont.

10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.967	mg/L	97.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.989	mg/L	99.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.887	mg/L	89.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.946	mg/L	95.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.974	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.974	mg/L	97.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.897	mg/L	90.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.964	mg/L	96.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.957	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.958	mg/L	96.0

Number of Samples : 10 : 95.2 Mean % Recovery : NC Standard Deviation

Below acceptance : 0 Above acceptance : 0

Acceptance Criteria 80-120

Method: SW6010 - Metals

Spiked Analyte : Manganese Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	1.20	1.00	2.16	mg/L	96.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	1.20	1.00	2.13	mg/L	93.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000600	1.00	0.881	mg/L	88.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000600	1.00	0.881	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	18.7	1.00	19.5	mg/L	84.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	18.7	1.00	19.9	mg/L	124

Number of Samples : 6 0 Below acceptance : Mean % Recovery : 95.5 Above acceptance : 0 Standard Deviation : 14.6 Acceptance Criteria 75-125

Method: SW6010 - Metals Spiked Analyte : Molybdenum

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOVE
Method : SW6010									
Spiked Analyte : Molybo Type of Spike : Labora		1+							
Type of optice. Eubord	cong control, con	16.						2	
10/05/94	LCS946378			EMJA6141005100001	NA	1.00	1.04	mg/L	104
10/05/94	LCS946396			EMJA6141005100001	NA	1.00	1.04	mg/L	104
10/05/94	LCS946557			EMJA6141005100003	NA	1.00	0.940	mg/L	94.0
10/05/94	LCS946725			EMJA6141005100003	NA	1.00	1.01	mg/L	103
10/05/94	LCSD946378			EMJA6141005100001	NA	1.00	1.02	mg/L	102
10/05/94	LCSD946396			EMJA6141005100001	NA	1.00	1.02	mg/L	102
10/05/94	LCSD946557			EMJA6141005100003	NA	1.00	0.945	mg/L	95.0
10/05/94	LCSD946725			EMJÅ6141005100003	NA	1.00	0.981	mg/L	98.0
10/13/94	LCS946909			EMJA6141013184501	NA	1.00	0.996	mg/L	100
10/13/94	LCSD946909			EMJA6141013184501	NA	1.00	0.996	mg/L	100
Number of S	amples	:	10		Below accept	ance :	0		
Mean % Reco	very	:	100		Above accept		0		
Standard De	viation	:	NC		Acceptance C	Criteria	80-120		

Method : SW6010 - Metals Spiked Analyte : Molybdenum Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00394	1.00	1.03	mg/L	102
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.00394	1.00	1.00	mg/L	100
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000410	1.00	0.946	mg/L	95.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.000410	1.00	0.924	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00359	1.00	0.939	mg/L	94.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00359	1.00	0.939	mg/L	94.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.00359	1.00	0.949	· mg/L	95.0
						-	

Number of Samples : 6 Below acceptance : 0 Mean % Recovery : 96.3 Above acceptance : 0 Standard Deviation : 3.83 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Nickel

Type of Spike : Laboratory Control

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Nickel

Type of Spike : Laboratory Control, cont.

10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.979	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	1.00	mg/L	100
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.912	mg/L	91.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.994	mg/L	99.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.943	mg/L	94.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.973	mg/L	97.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.904	mg/L	90.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	1.02	mg/L	102
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.938	mg/L	94.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.968	mg/L	97.0

: 10 0 Number of Samples Below acceptance : 0 Mean % Recovery : 96.2 Above acceptance : Standard Deviation : NC Acceptance Criteria 80-120

Method: SW6010 - Metals

Spiked Analyte : Nickel Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0130	1.00	0.965	mg/L	95.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	0.0130	1.00	0.922	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00103	1.00	0.909	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.00103	1.00	0.873	mg/L	87.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0593	1.00	0.979	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0593	1.00	0.972	mg/L	91.0

: 6 0 Number of Samples Below acceptance : Mean % Recovery : 91.2 Above acceptance : Standard Deviation : 2.56 Acceptance Criteria 75-125

Method: SW6010 - Metals Spiked Analyte : Potassium

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Potassium

Type of Spike : Laboratory Control, cont.

10/05/94	LCS946378	EMJA6141005100001	NA	20.0	19.7	mg/L	98.0
10/05/94	LCS946396	EMJA6141005100001	NA	20.0	19.6	mg/L	98.0
10/05/94	LCS946557	EMJA6141005100003	NA	20.0	19.4	mg/L	97.0
10/05/94	LCS946725	EMJA6141005100003	NA	20.0	19.8	mg/L	99.0
10/05/94	LCSD946378	EMJA6141005100001	NA	20.0	19.4	mg/L	97.0
10/05/94	LCSD946396	EMJA6141005100001	NA	20.0	18.9	mg/L	95.0
10/05/94	LCSD946557	EMJA6141005100003	NA	20.0	19.4	mg/L	97.0
10/05/94	LCSD946725	EMJA6141005100003	NA	20.0	19.8	mg/L	99.0
10/13/94	LCS946909	EMJA6141013184501	NA	20.0	19.1	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	20.0	19.5	mg/L	98.0
						-	

Number of Samples : 10 Mean % Recovery : 97.4 Standard Deviation : NC

Below acceptance : Above acceptance :

0

Acceptance Criteria 80-120

Method: SW6010 - Metals

Spiked Analyte : Potassium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	5.86	20.0	25.9	mg/L	100
10/05/94	G94-06-MW-05D	EMJA6141005100001	5.86	20.0	25.6	mg/L	99.0
10/05/94	G94-13-MW-37	EMJA6141005100003	5.16	20.0	24.6	mg/L	97.0
10/05/94	G94-13-MW-37	EMJA6141005100003	5.16	20.0	25.0	mg/L	99.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	6.76	20.0	26.0	mg/L	96.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	6.76	20.0	25.8	mg/L	95.0

Number of Samples : 6 Mean % Recovery : 97.7 Standard Deviation : 1.97

Below acceptance : Above acceptance :

Acceptance Criteria 75-125

Method: SW6010 - Metals

Spiked Analyte : Selenium

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Selenium

Type of Spike : Laboratory Control, cont.

10/05/94	LCS946378	EMJA6141005100001	NA	1.00	1.03	mg/L	103
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.922	mg/L	92.0
10/05/94	LCS946557	EMJA6141005100003	NA ·	1.00	0.860	mg/L	86.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.978	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.964	mg/L	96.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	1.09	mg/L	109
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.950	mg/L	95. <b>0</b>
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.933	mg/L	93.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.977	mg/L	98.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.882	mg/L	88.0

Number of Samples Mean % Recovery

: 95.8

Below acceptance :

0 0

Standard Deviation

Above acceptance : Acceptance Criteria

80-120

Method: SW6010 - Metals

Spiked Analyte : Selenium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0251	1.00	0.988	mg/L	101
10/05/94	694-06-MW-05D	EMJA6141005100001	-0.0251	1.00	1.01	mg/L	104
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00931	1.00	0.951	mg/L	96.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00931	1.00	0.990	mg/L	100
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0271	1.00	0.947	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.0271	1.00	0.967	mg/L	94.0

Number of Samples : 97.8 Mean % Recovery Standard Deviation : 4.58

Below acceptance : 0 Above acceptance :

Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Silver

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010	) - Metals						
piked Analyte : Silver				•			
Type of Spike : Labora							
10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.918	mg/L	92
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.937	mg/L	94
10/05/94	LCS946513	EMJA6141005100001	NA	1.00	0.932	mg/L	93
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.856	mg/L	86
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.734	mg/L	73
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.930	mg/L	93
	LCSD946396	EMJA6141005100001	NA	1.00	0.928	mg/L	93
10/05/94						•	
10/05/94 10/05/94	LCSD946513	EMJA6141005100001	NA	1.00	0.934	mg/L	93
· '	LCSD946513 LCSD946557	EMJA6141005100001 EMJA6141005100003	NA NA	1.00	0.934 0.875	mg/L mg/L	
10/05/94			****			mg/L	87
10/05/94 10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.875	•	93 87 75 92

Number of Samples : 12 Mean % Recovery : 88.6 Standard Deviation : NC

Below acceptance : 2
Above acceptance : 0

Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Silver

Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00613	1.00	0.911	mq/L	92.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.00613	1.00	0.908	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00201	1.00	0.855	mg/L	86.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.00201	1.00	0.895	mg/L	90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00499	1.00	0.886	mg/L	88.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.00499	1.00	0.887	mg/L	88.0

Number of Samples : 6 Mean % Recovery : 89.2 Standard Deviation : 2.23

Below acceptance : 0
Above acceptance : 0

Acceptance Criteria 75-125

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW60	)10 - Metals						
Spiked Analyte : Sodi	um						
Type of Spike : Labo	oratory Control						
10/05/94	LCS946378	EMJA6141005100001	NA	10.0	9.82	mg/L	- 98.0
10/05/94	LCS946396	EMJA6141005100001	NA	10.0	9.72	mg/L	97.0
10/05/94	LCS946557	EMJA6141005100003	NA	10.0	9.58	mg/L	96.0
10/05/94	LCS946725	EMJA6141005100003	NA	10.0	9.82	mg/L	98.0
10/05/94	LCSD946378	EMJA6141005100001	NA	10.0	9.50	mg/L	95.0
10/05/94	LCSD946396	EMJA6141005100001	NA	10.0	9.46	mg/L	95.0
10/05/94	LCSD946557	EMJA6141005100003	NA	10.0	9.68	mg/L	97.0

EMJA6141005100003

EMJA6141013184501

EMJA6141013184501

Number of Samples : 97.3 Mean % Recovery

Standard Deviation : NC

LCSD946725

LCS946909

LCSD946909

Below acceptance :

NA

0

Above acceptance : Acceptance Criteria 80-120

10.0

10.0

10.0

9.91

9.88

9.90

mg/L

mg/L

mg/L

99.0 99.0

99.0

Method: SW6010 - Metals

Spiked Analyte : Sodium

Type of Spike : Matrix Spike

10/05/94

10/13/94

10/13/94

10/05/94	G94-06-MW-05D G94-06-MW-05D	EMJA6141005100001 EMJA6141005100001	41.3 41.3	10.0 10.0	50.0 51.2	mg/L mg/L	87.0 99.0
10/05/94 10/05/94	G94-13-MW-37	EMJA6141005100001	5.40	10.0	15.2	mg/L	98.0
10/05/94	G94-13-MW-37	EMJA6141005100003	5.40	10.0	15.1	mg/L	97.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	11.3	10.0	21.4	mg/L	101
10/13/94	G94-04-MW-03-02	EMJA6141013184501	11.3	10.0	21.4	mg/L	102

: 6 Number of Samples : 97.3 Mean % Recovery Standard Deviation : 5.39

0 Below acceptance : Above acceptance :

0 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Thallium

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Thallium

Type of Spike : Laboratory Control, cont.

10/05/94	LCS946378	EMJA6141005100001	NA	1.00	0.920	mg/L	92.0
10/05/94	LCS946396	EMJA6141005100001	NA	1.00	0.904	mg/L	90.0
10/05/94	LCS946557	EMJA6141005100003	NA	1.00	0.893	mg/L	89.0
10/05/94	LCS946725	EMJA6141005100003	NA	1.00	0.929	mg/L	93.0
10/05/94	LCSD946378	EMJA6141005100001	NA	1.00	0.891	mg/L	89.0
10/05/94	LCSD946396	EMJA6141005100001	NA	1.00	0.941	mg/L	94.0
10/05/94	LCSD946557	EMJA6141005100003	NA	1.00	0.830	mg/L	83.0
10/05/94	LCSD946725	EMJA6141005100003	NA	1.00	0.945	mg/L	94.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.917	mg/L	92.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.957	mg/L	96.0

Number of Samples : 10 Mean % Recovery : 91.2 Standard Deviation : NC

Below acceptance :

0 Above acceptance : 0

Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Thallium Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0490	1.00	0.874	mg/L	92.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.0490	1.00	0.863	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0499	1.00	0.942	mg/L	99.0
10/05/94	G94-13-MW-37	EMJA6141005100003	-0.0499	1.00	0.874	mg/L	92.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0312	1.00	0.794	mg/L	82.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0312	1.00	0.844	mg/L	88.0

Number of Samples : 6 Below acceptance : Mean % Recovery : 90.7 Above acceptance : 0 Standard Deviation : 5.57 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Vanadium

Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 NC = Not Calculable ND = Not Detected NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
)								
	Markey CUCOLO	M-4-3-						

Spiked Analyte : Vanadium

Type of Spike : Laboratory Control, cont.

LCS946378	EMJA6141005100001	NA	1.00	0.990	mg/L	99.0
LCS946396	EMJA6141005100001	NA	1.00	0.998	mg/L	100
LCS946557	EMJA6141005100003	NA	1.00	0.913	mg/L	91.0
LCS946725	EMJA6141005100003	NA	1.00	0.963	mg/L	96.0
LCSD946378	EMJA6141005100001	NA	1.00	0.990	mg/L	99.0
LCSD946396	EMJA6141005100001	NA	1.00	0.983	mg/L	98.0
LCSD946557	EMJA6141005100003	NA	1.00	0.916	mg/L	92.0
LCSD946725	EMJA6141005100003	NΑ	1.00	0.979	mg/L	98.0
LCS946909	EMJA6141013184501	NA	1.00	0.968	mg/L	97.0
LCSD946909	EMJA6141013184501	NA	1.00	0.965	mg/L	97.0
	LCS946396 LCS946557 LCS946725 LCSD946378 LCSD946396 LCSD946557 LCSD946725 LCS946909	LCS946396 EMJA6141005100001 LCS946557 EMJA6141005100003 LCS946725 EMJA6141005100003 LCSD946378 EMJA6141005100001 LCSD946396 EMJA6141005100001 LCSD946557 EMJA6141005100003 LCSD946725 EMJA6141005100003 LCS946909 EMJA6141013184501	LCS946396 EMJA6141005100001 NA LCS946557 EMJA6141005100003 NA LCS946725 EMJA6141005100003 NA LCSD946378 EMJA6141005100001 NA LCSD946396 EMJA6141005100001 NA LCSD946557 EMJA6141005100003 NA LCSD946725 EMJA6141005100003 NA LCS946909 EMJA6141013184501 NA	LCS946396 EMJA6141005100001 NA 1.00 LCS946557 EMJA6141005100003 NA 1.00 LCS946725 EMJA6141005100003 NA 1.00 LCSD946378 EMJA6141005100001 NA 1.00 LCSD946396 EMJA6141005100001 NA 1.00 LCSD946557 EMJA6141005100003 NA 1.00 LCSD946725 EMJA6141005100003 NA 1.00 LCS946909 EMJA6141013184501 NA 1.00	LCS946396 EMJA6141005100001 NA 1.00 0.998 LCS946557 EMJA6141005100003 NA 1.00 0.913 LCS946725 EMJA6141005100003 NA 1.00 0.963 LCSD946378 EMJA6141005100001 NA 1.00 0.990 LCSD946396 EMJA6141005100001 NA 1.00 0.983 LCSD946557 EMJA6141005100003 NA 1.00 0.916 LCSD946725 EMJA6141005100003 NA 1.00 0.979 LCS946909 EMJA6141013184501 NA 1.00 0.968	LCS946396 EMJA6141005100001 NA 1.00 0.998 mg/L LCS946557 EMJA6141005100003 NA 1.00 0.913 mg/L LCS946725 EMJA6141005100003 NA 1.00 0.963 mg/L LCSD946378 EMJA6141005100001 NA 1.00 0.990 mg/L LCSD946396 EMJA6141005100001 NA 1.00 0.983 mg/L LCSD946557 EMJA6141005100003 NA 1.00 0.983 mg/L LCSD946725 EMJA6141005100003 NA 1.00 0.916 mg/L LCSD946725 EMJA6141005100003 NA 1.00 0.979 mg/L LCS946909 EMJA6141013184501 NA 1.00 0.968 mg/L

Number of Samples : 10 Mean % Recovery : 96.7 Standard Deviation : NC Below acceptance : 0 Above acceptance : 0

Above acceptance : 0
Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Vanadium
Type of Spike : Matrix Spike

10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000440	1.00	0.973	mg/L	97.0
10/05/94	G94-06-MW-05D	EMJA6141005100001	-0.000440	1.00	0.974	mg/L	97.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.000290	1.00	0.911	mg/L	91.0
10/05/94	G94-13-MW-37	EMJA6141005100003	0.000290	1.00	0.910	mg/L	91.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	-0.0000300	1.00	0.935	mg/L	93.0
10/13/94	. G94-04-MW-03-02	EMJA6141013184501	-0.0000300	1.00	0.939	mg/L	94.0

Number of Samples : 6 Below acceptance : 0
Mean % Recovery : 93.8 Above acceptance : 0
Standard Deviation : 2.71 Acceptance Criteria 75-125

Method : SW6010 - Metals

Spiked Analyte : Zinc

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Method : SW6010	) - Metals						
oiked Analyte : Zinc							
Type of Spike : Labora	tory Control, cont.						•
• •	•						
	•	FM 1461 / 1 0051 00001	NA	3 00	0 071	ma / l	0.7
10/05/94	LCS946378	EMJA6141005100001	NA NA	1.00	0.971	mg/L	97
10/05/94 10/05/94	LCS946378 LCS946396	EMJA6141005100001	NΑ	1.00	1.01	mg/L	1
10/05/94 10/05/94 10/05/94	LCS946378 LCS946396 LCS946557	EMJA6141005100001 EMJA6141005100003	NA NA	1.00 1.00	1.01 0.873	mg/L mg/L	1 87
10/05/94 10/05/94 10/05/94 10/05/94	LCS946378 LCS946396 LCS946557 LCS946725	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003	NA NA NA	1.00 1.00 1.00	1.01 0.873 0.957	mg/L mg/L mg/L	1 87 96
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946378 LCS946396 LCS946557 LCS946725 LCSD946378	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001	NA NA NA	1.00 1.00 1.00 1.00	1.01 0.873 0.957 0.991	mg/L mg/L mg/L mg/L	1 87 96 99
10/05/94 10/05/94 10/05/94 10/05/94	LCS946378 LCS946396 LCS946557 LCS946725 LCSD946378 LCSD946396	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA NA	1.00 1.00 1.00 1.00	1.01 0.873 0.957 0.991 0.994	mg/L mg/L mg/L mg/L mg/L	1 87 96 99
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946378 LCS946396 LCS946557 LCS946725 LCSD946378	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA NA NA	1.00 1.00 1.00 1.00 1.00	1.01 0.873 0.957 0.991 0.994 0.879	mg/L mg/L mg/L mg/L mg/L	1 87 96 99 88
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 10/05/94	LCS946378 LCS946396 LCS946557 LCS946725 LCSD946378 LCSD946396 LCSD946557	EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141005100001 EMJA6141005100001	NA NA NA NA	1.00 1.00 1.00 1.00	1.01 0.873 0.957 0.991 0.994	mg/L mg/L mg/L mg/L mg/L	1

Number of Samples : 10 Below acceptance : 0
Mean % Recovery : 95.8 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 80-120

Method : SW6010 - Metals

Spiked Analyte : Zinc

Type of Spike : Matrix Spike

10/05/94 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94	G94-06-MW-05D G94-06-MW-05D G94-13-MW-37 G94-13-MW-37 G94-04-MW-03-02 G94-04-MW-03-02	EMJA6141005100001 EMJA6141005100001 EMJA6141005100003 EMJA6141005100003 EMJA6141013184501 EMJA6141013184501	0.0136 0.0136 0.00936 0.00936 0.000590	1.00 1.00 1.00 1.00 1.00	0.960 0.963 0.875 0.872 0.904 0.906	mg/L mg/L mg/L mg/L mg/L	95.0 95.0 87.0 86.0 90.0
10/13/94	G94-04-MW-03-02	EMJA6141013184501	0.000590	1.00	0.906	mg/L	91.0

Number of Samples: 6Below acceptance : 0Mean % Recovery: 90.7Above acceptance : 0Standard Deviation: 3.83Acceptance Criteria 75-125

Method : SW7060 - Arsenic

Spiked Analyte : Arsenic

Type of Spike : Analytical Spike

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE ANALYZED	SAMPLE	ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : Sw	7060 - Arsenic								
piked Analyte : Ar	senic								
Type of Spike : An		cont.							
09/19/94	G94-06-	MW-05D		AAZ340919172101	-0.00135	0.0200	0.0217	mg/L	11!
09/28/94	G94-13-	MW-37		AAZ340928163202	-0.00145	0.0200	0.0201	mg/L	108
09/28/94	G94-04-	MW-03D		AAZ440928083002	0.00757	0.0200	0.0288	mg/L	106
10/06/94	G94-04-	MW-03-02	!	AAZ441006085001	0.00246	0.0200	0.0243	mg/L	109
Number	of Samples	:	4		Below accept	ance :	0		
Mean %	Recovery	:	110		Above accept	cance :	0		
Standar	d Deviation	:	3.87		Acceptance (	Criteria 8	35-115		

Method : SW7060 - Arsenic

Spiked Analyte : Arsenic

Type of Spike : Laboratory Control

00/10/04	1.00046370	AAZ3 40919172101	NA	0.0500	0.0389	mg/L	78.0
09/19/94	LCS946379	AAZ340919172101	NA	0.0500	0.0303	mg/ L	70.0
09/19/94	LCSD946379	AAZ340919172101	NA	0.0500	0.0414	mg/L	83.0
09/28/94	LCS946556	AAZ340928163202	NA	0.0500	0.0417	mg/L	83.0
09/28/94	LCSD946556	AAZ340928163202	NA	0.0500	0.0421	mg/L	84.0
09/28/94	LCS946516	AAZ440928083002	NA	0.0500	0.0461	mg/L	92.0
09/28/94	LCSD946516	AAZ440928083002	NA	0.0500	0.0439	mg/L	88.0
10/06/94	LCS946771	AAZ441006085001	NA	0.0500	0.0497	mg/L	99.0
10/06/94	LCSD946771	AAZ441006085001	NA	0.0500	0.0496	mg/L	99.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 88.3 Above acceptance : 0
Standard Deviation : 7.78 Acceptance Criteria 75-125

Method: SW7060 - Arsenic

Spiked Analyte : Arsenic

Type of Spike : Matrix Spike

09/19/94	G94-06-MW-05D	AAZ340919172101	-0.00135	0.0500	0.0522	mg/L	107
09/19/94	G94-06-MW-05D	AAZ340919172101	-0.00135	0.0500	0.0510	mg/L	105
09/28/94	G94-13-MW-37	AAZ340928163202	-0.00145	0.0500	0.0450	mg/L	93.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUN SPIKE	T AMOUNT D RECOVERED	RESULT UNIT	% RECOVED
Method : SW7060	- Arsenic							
piked Analyte : Arseni	С							
Type of Spike : Matrix	Spike, cont.							
09/28/94	G94-13-MW	1-37	AAZ340928163202	-0.00145	0.0500	0.0452	mg/L	93.
09/28/94	G94-04-MW		AAZ440928083002		0.0500	0.0569	mg/L	99.
09/28/94	G94-04-MW	r-03D	AAZ440928083002	0.00757	0.0500	0.0563	mg/L	97.
10/06/94	G94-04-MW	I-03 <b>-</b> 02	AAZ441006085001	0.00246	0.0500	0.0560	mg/L	10
10/06/94	G94-04-MW	-03-02	AAZ441006085001	0.00246	0.0500	0.0566	mg/L	10
Number of S	amples	: 8		Below accep	 tance :	0		
Mean % Reco	very	: 101		Above accep	tance :	0		
Standard De	viation	: 6.38		Acceptance	Criteria	75-125		
•								
oiked Analyte : Lead		05D	AAZ140919170001	-0.0000600	0.0200	0.0194	mg/L	97
oiked Analyte : Lead Type of Spike : Analyt	ical Spike		AAZ140919170001 AAZ240927170001		0.0200 0.0200	0.0194 0.0181	mg/L mg/L	97 88
oiked Analyte : Lead Type of Spike : Analyt 09/19/94	ical Spike G94-06-MW	-37		0.000560			•	97 88 96.
iked Analyte : Lead ype of Spike : Analyt 09/19/94 09/27/94 10/07/94  Number of S	ical Spike  G94-06-MW  G94-13-MW  G94-04-MW	-37	AAZ240927170001	0.000560 -0.000990 	0.0200 0.0200 tance :	0.0181	mg/L	97 88 96.
oiked Analyte : Lead ype of Spike : Analyt 09/19/94 09/27/94 10/07/94 Number of S Mean % Reco	G94-06-MW G94-13-MW G94-04-MW amples	-37 -03-02 	AAZ240927170001	0.000560 -0.000990  Below accept Above accept	0.0200 0.0200 	0.0181 0.0182 0 0	mg/L	97 88 96.
oiked Analyte : Lead ype of Spike : Analyt 09/19/94 09/27/94 10/07/94 Number of S	G94-06-MW G94-13-MW G94-04-MW amples	2-37 2-03-02 : 3	AAZ240927170001	0.000560 -0.000990 	0.0200 0.0200 	0.0181 0.0182 0	mg/L	97 88 96.
oiked Analyte : Lead Type of Spike : Analyt 09/19/94 09/27/94 10/07/94 Number of S Mean % Reco	ical Spike  G94-06-MW G94-13-MW G94-04-MW amples very viation	-37 -03-02 	AAZ240927170001	0.000560 -0.000990  Below accept Above accept	0.0200 0.0200 	0.0181 0.0182 0 0	mg/L	97 88 96.
oiked Analyte : Lead Type of Spike : Analyt  09/19/94  09/27/94  10/07/94  Number of S  Mean % Reco Standard De  Method : SW7421  oiked Analyte : Lead	ical Spike  G94-06-MW G94-13-MW G94-04-MW amples very viation  - Lead	-37 -03-02 	AAZ240927170001	0.000560 -0.000990  Below accept Above accept	0.0200 0.0200 	0.0181 0.0182 0 0	mg/L	97 88 96.
oiked Analyte : Lead Type of Spike : Analyt  09/19/94  09/27/94  10/07/94  Number of S  Mean % Reco Standard De  Method : SW7421  riked Analyte : Lead	ical Spike  G94-06-MW G94-13-MW G94-04-MW amples very viation  - Lead	-37 -03-02 	AAZ240927170001	0.000560 -0.000990  Below accept Above accept	0.0200 0.0200 	0.0181 0.0182 0 0	mg/L	97 88 96.
wiked Analyte : Lead Type of Spike : Analyt  09/19/94  09/27/94  10/07/94  Number of S  Mean % Reco Standard De  Method : SW7421  Tiked Analyte : Lead	ical Spike  G94-06-MW G94-13-MW G94-04-MW amples very viation  - Lead	-37 -03-02 : 3 : 93.7 : 4.93	AAZ240927170001	0.000560 -0.000990  Below accept Above accept	0.0200 0.0200 	0.0181 0.0182 0 0	mg/L	·
iked Analyte : Lead  ype of Spike : Analyt  09/19/94  09/27/94  10/07/94  Number of S  Mean % Reco Standard De  Method : SW7421  iked Analyte : Lead  ype of Spike : Labora	ical Spike  G94-06-MW G94-13-MW G94-04-MW amples very viation  - Lead tory Control	-37 -03-02 : 3 : 93.7 : 4.93	AAZ240927170001 AAZ241007092002	0.000560 -0.000990 Below accept Above accept Acceptance (	0.0200 0.0200 tance : tance : Criteria	0.0181 0.0182 0 0 85-115	mg/L mg/L	97.
oriked Analyte : Lead Type of Spike : Analyt  09/19/94  09/27/94  10/07/94  Number of S  Mean % Reco Standard De  Method : SW7421 Tiked Analyte : Lead Type of Spike : Labora	ical Spike  G94-06-MW G94-13-MW G94-04-MW amples very viation  - Lead tory Control  LCS946379	-37 -03-02 : 3 : 93.7 : 4.93	AAZ240927170001 AAZ241007092002	0.000560 -0.000990 Below accept Above acceptance (	0.0200 0.0200 tance : tance : Criteria	0.0181 0.0182 0 0 85-115	mg/L mg/L	97.
Oiked Analyte : Lead Type of Spike : Analyt  09/19/94  09/27/94  10/07/94  Number of S  Mean % Reco Standard De  Method : SW7421  Oiked Analyte : Lead Type of Spike : Labora  09/19/94  09/19/94  09/27/94  09/27/94	G94-06-MW G94-13-MW G94-04-MW amples very viation  - Lead tory Control  LCS946379 LCSD94637 LCSD946556	-37 -03-02 : 3 : 93.7 : 4.93	AAZ240927170001 AAZ241007092002  AAZ140919170001 AAZ140919170001 AAZ240927170001 AAZ240927170001	0.000560 -0.000990 Below accept Above accept Acceptance (	0.0200 0.0200 tance : tance : Criteria	0.0181 0.0182 0 0 85-115	mg/L mg/L	97. 10
oiked Analyte : Lead Type of Spike : Analyt  09/19/94  09/27/94  10/07/94  Number of S  Mean % Reco Standard De  Method : SW7421  oiked Analyte : Lead Type of Spike : Labora  09/19/94  09/19/94  09/27/94	G94-06-MW G94-13-MW G94-04-MW amples very viation  - Lead tory Control  LCS946379 LCSD94637 LCS946556	-37 -03-02 : 3 : 93.7 : 4.93	AAZ240927170001 AAZ241007092002  AAZ140919170001 AAZ140919170001 AAZ240927170001	0.000560 -0.000990 Below accept Above acceptance (	0.0200 0.0200 tance : tance : Criteria 0.0500 0.0500 0.0500	0.0181 0.0182 0 0 85-115 0.0487 0.0499 0.0482	mg/L mg/L mg/L mg/L mg/L mg/L	97 88 96. 10 96. 96.

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

: 6

: 3.83

: 99.5

Number of Samples

Standard Deviation

Mean % Recovery

Acceptance Criteria 75-125

0

0

Below acceptance :

Above acceptance :

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW7421 - Lead

Spiked Analyte : Lead

Type of Spike : Matrix Spike

09/19/94	G94-06-MW-05D	AAZ140919170001	-0.0000600	0.0500	0.0465	mg/L	93.0
09/19/94	G94-06-MW-05D	AAZ140919170001	-0.0000600	0.0500	0.0465	mg/L	93.0
09/27/94	G94-13-MW-37	AAZ240927170001	0.000560	0.0500	0.0467	mg/L	92.0
09/27/94	G94-13-MW-37	AAZ240927170001	0.000560	0.0500	0.0472	mg/L	93.0
10/07/94	G94-04-MW-03-02	AAZ241007092002	-0.000990	0.0500	0.0458	mg/L	94.0
10/07/94	G94-04-MW-03-02	AAZ241007092002	-0.000990	0.0500	0.0455	mg/L	93.0

Number of Samples : 6 Below acceptance : 0 Mean % Recovery : 93.0 Above acceptance : 0 Standard Deviation : 0.632 Acceptance Criteria 75-125

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 4,4'-DDT

Type of Spike : Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.488	ug/L	98.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.472	ug/L	94.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.514	ug/L	103
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.517	ug/L	103
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.455	ug/L	91.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.475	ug/L	95.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.444	ug/L	89.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.490	ug/L	98.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.435	ug/L	87.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.476	ug/L	95.0

Number of Samples : 10 Below acceptance : 0
Mean % Recovery : 95.3 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 25-160

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 4,4'-DDT
Type of Spike : Matrix Spike

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE

 ${\tt Method} \ : \ {\tt SW8080 - Organochlorine} \ {\tt Pesticides} \ {\tt and} \ {\tt PCBs}$ 

Spiked Analyte: 4,4'-DDT

Type of Spike : Matrix Spike, cont.

09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.485	0.476	ug/L	98.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.488	0.494	ug/L	101
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0108	0.490	0.469	ug/L	93.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0108	0.490	0.501	ug/L	100
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.471	ug/L	96.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.497	ug/L	101
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.490	0.505	ug/L	103
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.495	0.465	ug/L	94.0

Number of Samples : 8 Below acceptance : 0 Mean % Recovery : 98.3 Above acceptance : 0 Standard Deviation Acceptance Criteria 25-160 : 3.62

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Aldrin

Type of Spike : Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.207	ug/L	83.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.207	ug/L	83.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.239	ug/L	95.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.247	ug/L	99.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.206	ug/L	82.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.210	ug/L	84.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.210	ug/L	84.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.234	ug/L	94.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.213	ug/L	85.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.218	ug/L	87.0

Number of Samples : 10 Below acceptance : Mean % Recovery : 87.6 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 42-122

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
	SAMPLE ID						
W - L - C - C - C - C - C - C - C - C - C	Onnerski i series - Dank	inidea and DCD-					
	- Organochlorine Pest	icides and PCBS					
Spiked Analyte : Aldrin	A						
Type of Spike : Matrix	Spike						
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.194	0.172	ug/L	88.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.195	0.179	ug/L	92.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.00630	0.196	0.182	ug/L	90.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.00630	0.196	0.192	ug/L	95.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.192	ug/L	98.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.181	ug/L	92.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.198	0.166	ug/L	84.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.196	0.176	ug/L	90.0

Below acceptance : Number of Samples : 91.1 Above acceptance : Mean % Recovery Acceptance Criteria 42-122 Standard Deviation : 4.26

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dieldrin

Type of Spike : Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.490	ug/L	98.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.474	ug/L	95.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.505	ug/L	101
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.513	ug/L	103
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.453	ug/L	91.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.466	ug/L	93.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.444	ug/L	89.0
09/29/94	LCSD946397	. CHGC7A40928120002	NA	0.500	0.490	ug/L	98.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.459	ug/L	92.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.480	ug/L	96.0

Below acceptance : 0 Number of Samples : 10 : 95.6 Mean % Recovery Above acceptance : 0 Acceptance Criteria 36-146 Standard Deviation : NC

NS = Not Specified ND = Not Detected NC = Not Calculable Date Compiled: 22 March 1995

0

0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994


Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dieldrin Type of Spike : Matrix Spike

09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.485	0.455	ug/L	94.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.488	0.475	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0204	0.490	0.492	ug/L	96.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	0.0204	0.490	0.472	ug/L	92.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.475	ug/L	97.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.440	ug/L	90.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.490	0.477	ug/L	97.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.495	0.449	ug/L	91.0

: 8 Number of Samples Mean % Recovery : 94.3 Standard Deviation : 2.92

Above acceptance : Below acceptance :

Acceptance Criteria 36-146

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Endosulfan II Type of Spike : Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.512	ug/L	102
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.493	ug/L	99.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.524	ug/L	105
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.531	ug/L	106
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.446	ug/L	89.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.460	ug/L	92.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.467	ug/L	93.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.514	ug/L	103
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.477	ug/L	95.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.500	0.504	ug/L	101
						-	

Number of Samples : 10 Mean % Recovery : 98.5 Standard Deviation : NC

Below acceptance : Above acceptance :

Acceptance Criteria D-202

0

NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
				*			
Method : SW8080	- Organochlorine Pest	ticides and PCBs					
piked Analyte : Endrin							
Type of Spike : Labora	tory Control						
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.469	ug/L	94.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.456	ug/L	91.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.488	ug/L	98.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.496	ug/L	99.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.445	ug/L	89.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.453	ug/L	91.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.429	ug/L	86.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.484	ug/L	97.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.419	ug/L	84.0

Number of Samples : 10
Mean % Recovery : 91.8
Standard Deviation : NC

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 30-147

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Endrin
Type of Spike : Matrix Spike

09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.488	0.497	ug/L	102
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.485	0.470	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.490	0.482	ug/L	98.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.490	0.500	ug/L	102
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.500	ug/L	102
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.490	0.467	ug/L	95.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.495	0.489	ug/L	99.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.490	0.522	ug/L	106

Number of Samples : 8
Mean % Recovery : 100
Standard Deviation : 3.52

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 30-147

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOVED
AIAL12L0		DATCH ID		3F1KL			
Method : SW8080 Spiked Analyte : Endrin	- Organochlorine Pest	cicides and PCBs					
Type of Spike : Labora	•						
Type of opine i Eusera	5513 551151						
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.500	0.534	ug/L	107
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.500	0.515	ug/L	103
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.500	0.568	ug/L	114
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.500	0.573	ug/L	115
10/09/94	LCS946526	CHGC6A41005120004	NA	0.500	0.00460 (J)	ug/L	0.900
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.500	0.0325	ug/L	6.50
09/29/94	LCS946397	CHGC7A40928120002	NA	0.500	0.526	ug/L	105
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.500	0.573	ug/L	115
10/12/94	LCS946423	CHGC7A41012120001	NA	0.500	0.536	ug/L	107
10/12/94	LCSD946423	CHGC7A41012120001	· NA	0.500	0.574	ug/L	115

Number of Samples : 10 Below acceptance : Mean % Recovery : 88.8 Above acceptance : Standard Deviation Acceptance Criteria : NC NS

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Heptachlor

Type of Spike : Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.224	ug/L	90.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.224	ug/L	90.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.253	ug/L	101
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.260	ug/L	104
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.224	ug/L	90.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.227	ug/L	91.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.223	ug/L	89. <b>0</b>
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.248	ug/L	99.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.224	ug/L	89.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.224	ug/L	90.0

Number of Samples : 10 Below acceptance : Mean % Recovery : 93.3 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 34-120

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
		******			,		
	) - Organochlorine Pest	icides and PCBs					
ANALYZED  Method : SW8080 ked Analyte : Heptach pe of Spike : Matrix 09/16/94 09/16/94 09/26/94 09/26/94 10/09/94							
Type of Spike : Matrix	С Spike						
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.195	0.180	ug/L	92.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.194	0.172	ug/L	89.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.190	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.180	ug/L	92.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.202	ug/L	103
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.178	ug/L	91.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.198	0.168	ug/L	85.0

CHGC7A40928120002

: 8 : 92.5 : 5.40 0 Number of Samples Below acceptance : Mean % Recovery Above acceptance : 0 Standard Deviation Acceptance Criteria 34-120

Method : SW8080 - Organochlorine Pesticides and PCBs

G94-01-MW-05

Spiked Analyte : Heptachlor epoxide Type of Spike : Laboratory Control

09/30/94

LCS946201 K	CHGC6A40915120002	NA	0.250	0.264	ug/L	106
LCSD946201	CHGC6A40915120002	NA	0.250	0.256	ug/L	102
LCS946361 K	CHGC6A40926120001	NA	0.250	0.274	ug/L	110
LCSD946361	CHGC6A40926120001	NA	0.250	0.277	ug/L	111
LCS946526	CHGC6A41005120004	NA	0.250	0.243	ug/L	97.0
LCSD946526	CHGC6A41005120004	NA	0.250	0.258	ug/L	103
LCS946397	CHGC7A40928120002	NA	0.250	0.237	ug/L	95.0
LCSD946397	CHGC7A40928120002	NA	0.250	0.263	ug/L	105
LCS946423	CHGC7A41012120001	NA	0.250	0.242	ug/L	97.0
LCSD946423	CHGC7A41012120001	NA	0.250	0.250	ug/L	100
	LCSD946201 LCS946361 K LCSD946361 LCS946526 LCSD946526 LCS946397 LCSD946397	LCSD946201 CHGC6A40915120002 LCS946361 K CHGC6A40926120001 LCSD946361 CHGC6A40926120001 LCS946526 CHGC6A41005120004 LCSD946526 CHGC6A41005120004 LCS946397 CHGC7A40928120002 LCSD946397 CHGC7A40928120002 LCS946423 CHGC7A41012120001	LCSD946201 CHGC6A40915120002 NA LCS946361 K CHGC6A40926120001 NA LCSD946361 CHGC6A40926120001 NA LCS946526 CHGC6A41005120004 NA LCSD946526 CHGC6A41005120004 NA LCS946397 CHGC7A40928120002 NA LCSD946397 CHGC7A40928120002 NA LCS946423 CHGC7A41012120001 NA	LCSD946201 CHGC6A40915120002 NA 0.250 LCS946361 K CHGC6A40926120001 NA 0.250 LCSD946361 CHGC6A40926120001 NA 0.250 LCS946526 CHGC6A41005120004 NA 0.250 LCSD946526 CHGC6A41005120004 NA 0.250 LCS946397 CHGC7A40928120002 NA 0.250 LCSD946397 CHGC7A40928120002 NA 0.250 LCS946423 CHGC7A41012120001 NA 0.250	LCSD946201 CHGC6A40915120002 NA 0.250 0.256 LCS946361 K CHGC6A40926120001 NA 0.250 0.274 LCSD946361 CHGC6A40926120001 NA 0.250 0.277 LCS946526 CHGC6A41005120004 NA 0.250 0.243 LCSD946526 CHGC6A41005120004 NA 0.250 0.258 LCS946397 CHGC7A40928120002 NA 0.250 0.237 LCSD946397 CHGC7A40928120002 NA 0.250 0.263 LCS946423 CHGC7A41012120001 NA 0.250 0.242	LCSD946201 CHGC6A40915120002 NA 0.250 0.256 ug/L LCS946361 K CHGC6A40926120001 NA 0.250 0.274 ug/L LCSD946361 CHGC6A40926120001 NA 0.250 0.277 ug/L LCS946526 CHGC6A41005120004 NA 0.250 0.243 ug/L LCSD946526 CHGC6A41005120004 NA 0.250 0.258 ug/L LCS946397 CHGC7A40928120002 NA 0.250 0.237 ug/L LCSD946397 CHGC7A40928120002 NA 0.250 0.263 ug/L LCS946423 CHGC7A41012120001 NA 0.250 0.242 ug/L

: 10 0 Number of Samples Below acceptance : : 103 Above acceptance : 0 Mean % Recovery : NC Standard Deviation Acceptance Criteria 37-142

0.196

0.178

ug/L

91.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG.	AMOUNT	AMOUNT	RESULT	% DE00UE*
	SAMPLE ID	DATEN 1D	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
	) - Organochlorine Pes	ticides and PCBs					
iked Analyte : PCB-10							
ype of Spike : Labora	itory Control						
09/16/94	LCS946202	CHGC6A40915120002	NA	2.50	2.31	ug/L	93
09/16/94	LCSD946202	CHGC6A40915120002	NA	2.50	2.31	ug/L	92
09/16/94 09/26/94	LCSD946202 LCS946304	CHGC6A40915120002 CHGC6A40926120001	NA NA	2.50 2.50	2.31 2.17	ug/L ug/L	
						-	87
09/26/94	LCS946304	CHGC6A40926120001	NA	2.50	2.17	ug/L ug/L	87 93
09/26/94 09/26/94	LCS946304 LCSD946304	CHGC6A40926120001 CHGC6A40926120001	NA NA	2.50 2.50	2.17 2.31	ug/L ug/L ug/L	87 93 85
09/26/94 09/26/94 10/09/94	LCS946304 LCSD946304 LCS946527	CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004	NA NA NA	2.50 2.50 2.50	2.17 2.31 2.12	ug/L ug/L ug/L ug/L	87 93 85 91
09/26/94 09/26/94 10/09/94 10/09/94	LCS946304 LCSD946304 LCS946527 LCSD946527	CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004 CHGC6A41005120004	NA NA NA	2.50 2.50 2.50 2.50	2.17 2.31 2.12 2.28	ug/L ug/L ug/L ug/L	87 93 85 91 87
09/26/94 09/26/94 10/09/94 10/09/94 09/29/94	LCS946304 LCSD946304 LCS946527 LCSD946527 LCS946398	CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004 CHGC6A41005120004 CHGC7A40928120002	NA NA NA NA	2.50 2.50 2.50 2.50 2.50	2.17 2.31 2.12 2.28 2.17	ug/L ug/L ug/L ug/L	92 87 93 85 91 87 89 78

Number of Samples : 10 Mean % Recovery : 86.5 Standard Deviation : NC

Below acceptance : Above acceptance :

0

Acceptance Criteria 50-120

 ${\tt Method} \ : \ {\tt SW8080 - Organochlorine} \ {\tt Pesticides} \ {\tt and} \ {\tt PCBs}$ 

Spiked Analyte : PCB-1260

Type of Spike : Laboratory Control

09/16/94	LCS946202	CHGC6A40915120002	NA	2.50	2.41	ug/L	96.0
09/16/94	LCSD946202	CHGC6A40915120002	NA	2.50	2.41	ug/L	96.0
09/26/94	LCS946304	CHGC6A40926120001	NA	2.50	2.46	ug/L	99.0
09/26/94	LCSD946304	CHGC6A40926120001	NA	2.50	2.57	ug/L	103
10/09/94	LCS946527	CHGC6A41005120004	NA	2.50	2.16	ug/L	86.0
10/09/94	LCSD946527	CHGC6A41005120004	NA	2.50	2.31	ug/L	92.0
09/29/94	LCS946398	CHGC7A40928120002	NA	2.50	2.49	ug/L	100
09/29/94	LCSD946398	CHGC7A40928120002	NA	2.50	2.59	ug/L	103
10/13/94	LCS946424	CHGC7A41012120001	NA	2.50	2.38	ug/L	95.0
10/13/94	LCSD946424	CHGC7A41012120001	NA	2.50	2.27	ug/L	91.0

Number of Samples Mean % Recovery : 96.1 Standard Deviation : NC

Below acceptance: 0

Above acceptance : 0 Acceptance Criteria 8-127

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
					<b></b>		

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : alpha-BHC

Type of Spike : Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.222	ug/L	89.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.221	ug/L	88.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.242	ug/L	97.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.246	ug/L	99.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.222	ug/L	89.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.227	ug/L	91.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.207	ug/L	83.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.231	ug/L	92.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.215	ug/L	86.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.213	ug/L	85.0

: 10 Number of Samples Mean % Recovery : 89.9 Standard Deviation : NC

Below acceptance : 0 Above acceptance : Acceptance Criteria 37-134

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : delta-BHC

Type of Spike : Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.144	ug/L	58.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.138	ug/L	55.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.206	ug/L	83.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	0.250	0.210	ug/L	84.0
10/09/94	LCS946526	CHGC6A41005120004	NA	0.250	0.189	ug/L	75.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	0.250	0.193	ug/L	77.0
09/29/94	LCS946397	CHGC7A40928120002	NA	0.250	0.172	ug/L	69.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	0.250	0.195	ug/L	78.0
10/12/94	LCS946423	CHGC7A41012120001	NA	0.250	0.167	ug/L	67.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	0.250	0.181	ug/L	72.0

Number of Samples : 10 : 71.8 Mean % Recovery Standard Deviation : NC

Below acceptance : 0 Above acceptance : Acceptance Criteria 19-140

DO = Diluted Out

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	- Organochlorine Pest	cicides and PCBs					
oiked Analyte : gamma-							
ype of Spike : Labora	tory Control						
09/16/94	LCS946201 K	CHGC6A40915120002	NA	0.250	0.247	ug/L	99
	1.0000.40001	CUCCCA 4001 E1 00000	A1.4				
09/16/94	LCSD946201	CHGC6A40915120002	NA	0.250	0.241	ug/L	97
09/16/94 09/26/94	LCS946361 K	CHGC6A40915120002 CHGC6A40926120001	NA NA	0.250 0.250	0.241 0.260	ug/L ug/L	
· · · · · · · · · · · · · · · · · · ·						•	97 1 1
09/26/94	LCS946361 K	CHGC6A40926120001	NA	0.250	0.260	ug/L	1
09/26/94 09/26/94	LCS946361 K LCSD946361	CHGC6A40926120001 CHGC6A40926120001	NA NA	0.250 0.250	0.260 0.264	ug/L ug/L	1 1
09/26/94 09/26/94 10/09/94	LCS946361 K LCSD946361 LCS946526	CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004	NA NA NA	0.250 0.250 0.250	0.260 0.264 0.236	ug/L ug/L ug/L ug/L	1 1 95
09/26/94 09/26/94 10/09/94 10/09/94	LCS946361 K LCSD946361 LCS946526 LCSD946526	CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004 CHGC6A41005120004	NA NA NA	0.250 0.250 0.250 0.250	0.260 0.264 0.236 0.244	ug/L ug/L ug/L ug/L ug/L	1 1 95 98
09/26/94 09/26/94 10/09/94 10/09/94 09/29/94	LCS946361 K LCSD946361 LCS946526 LCSD946526 LCS946397	CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004 CHGC6A41005120004 CHGC7A40928120002	NA NA NA NA	0.250 0.250 0.250 0.250 0.250	0.260 0.264 0.236 0.244 0.225	ug/L ug/L ug/L ug/L	1 95 98 90

Number of Samples : 10 Below acceptance : Mean % Recovery : 97.2 Above acceptance : Standard Deviation : NC Acceptance Criteria 32-127

 ${\tt Method} \ : \ {\tt SW8080} \ - \ {\tt Organochlorine} \ {\tt Pesticides} \ {\tt and} \ {\tt PCBs}$ 

Spiked Analyte : gamma-BHC Type of Spike : Matrix Spike

09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.195	0.193	ug/L	99.0
09/16/94	G94-06-MW-03	CHGC6A40915120002	ND	0.194	0.176	ug/L	91.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.184	ug/L	94.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	ND	0.196	0.177	ug/L	90.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.178	ug/L	91.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	ND	0.196	0.193	ug/L	98.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.196	0.171	ug/L	87.0
09/30/94	G94-01-MW-05	CHGC7A40928120002	ND	0.198	0.158	ug/L	80.0

Number of Samples : 8 0 Below acceptance : : 91.3 Mean % Recovery Above acceptance : Standard Deviation : 6.09 Acceptance Criteria 32-127

0

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Field Duplicate

09/16/94	G94-06-MW-03-FD	CHGC6A40915120002	NA	0.971	0.765	ug/L	79.0
09/26/94	G94-09-MW-05-FD	CHGC6A40926120001	NA	0.990	0.782	ug/L	79.0
10/09/94	G94-05-MW-02-FD	CHGC6A41005120004	NA	1.00	0.836	ug/L	84.0
10/09/94	G94-13-MW-37-FD	CHGC6A41005120004	NA	0.990	0.861	ug/L	87.0
09/30/94	G94-01-MW-01-FD	CHGC7A40928120002	NA	0.966	0.724	ug/L	75.0

· : 5 Number of Samples : 80.8 Mean % Recovery Standard Deviation : 4.71

0 Below acceptance : Above acceptance : 0 Acceptance Criteria 20-150

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Laboratory Control

** /* * /* *	1 000 40001 K	CUCCCA 4001 E1 20002	N/A	1.00	0.708	ug/L	71.0
09/16/94	LCS946201 K	CHGC6A40915120002	NA NA			-	
09/16/94	LCS946202	CHGC6A40915120002	NA	1.00	0.666	ug/L	67.0
09/16/94	LCSD946201	CHGC6A40915120002	NA	1.00	0.727	ug/L	73.0
09/16/94	LCSD946202	CHGC6A40915120002	NA	1.00	0.657	ug/L	66.0
09/26/94	LCS946304	CHGC6A40926120001	NA	1.00	0.616	ug/L	62.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	1.00	0.828	ug/L	83.0
09/26/94	LCSD946304	CHGC6A40926120001	NA	1.00	0.628	ug/L	63.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	1.00	0.840	ug/L	84.0
10/09/94	LCS946526	CHGC6A41005120004	NA	1.00	0.770	ug/L	77.0
10/09/94	LCS946527	CHGC6A41005120004	NA	1.00	0.686	ug/L	69.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	1.00	0.762	ug/L	76.0
10/09/94	LCSD946527	CHGC6A41005120004	NA	1.00	0.729	ug/L	73.0
09/29/94	LCS946397	CHGC7A40928120002	NA	1.00	0.718	ug/L	72.0
09/29/94	LCS946398	CHGC7A40928120002	NA	1.00	0.687	ug/L	69.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	1.00	0.779	ug/L	78.0
09/29/94	LCSD946398	CHGC7A40928120002	NA	1.00	0.687	ug/L	69. <b>0</b>
10/12/94	LCS946423	CHGC7A41012120001	NA	1.00	0.779	ug/L	78.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	1.00	0.784	ug/L	78.0
10/13/94	LCS946424	CHGC7A41012120001	ΝA	1.00	0.676	ug/L	68.0
10/13/94	LCSD946424	CHGC7A41012120001	NA	1.00	0.627	ug/L	63.0
		,					

Number of Samples : 20 : 72.0 Mean % Recovery Standard Deviation : 6.42

0 Below acceptance : Above acceptance : 0 Acceptance Criteria 20-150

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
	- Organochlorine Pest						
• • • • • • •	6-Tetrachloro-m-xylene						
oe of Spike : Surrog	ate - Matrix Spike						
of Spike : Surrog. 09/16/94	ate - Matrix Spike G94-06-MW-03	CHGC6A40915120002	NA	0.976	0.780	ug/L	80
, ,		CHGC6A40915120002 CHGC6A40915120002	NA NA	0.976 0.971	0.780 0.758	ug/L ug/L	
09/16/94	G94-06-MW-03					-	78
09/16/94 09/16/94	G94-06-MW-03 G94-06-MW-03	CHGC6A40915120002	NA	0.971	0.758	ug/L	78 80
09/16/94 09/16/94 09/26/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-02	CHGC6A40915120002 CHGC6A40926120001	NA NA	0.971 0.980	0.758 0.780	ug/L ug/L	78 80 76
09/16/94 09/16/94 09/26/94 09/26/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02	CHGC6A40915120002 CHGC6A40926120001 CHGC6A40926120001	NA NA NA	0.971 0.980 0.980	0.758 0.780 0.744	ug/L ug/L ug/L	78 80 76 86
09/16/94 09/16/94 09/26/94 09/26/94 10/09/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-13-MW-37	CHGC6A40915120002 CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004	NA NA NA	0.971 0.980 0.980 0.980	0.758 0.780 0.744 0.839	ug/L ug/L ug/L ug/L	80. 78. 80. 76. 86. 84.

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 79.3 Above acceptance : 0
Standard Deviation : 4.23 Acceptance Criteria 20-150

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Method Blank

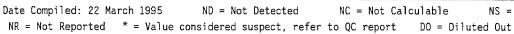
09/16/94	BLK943967 B	CHGC6A40915120002	NA	1.00	0.659	ug/L	66.0
09/26/94	BLK94477 BM	CHGC6A40926120001	NA	1.00	0.764	ug/L	76.0
10/08/94	BLK944213	CHGC6A41005120004	NA	1.00 ·	0.743	ug/L	74.0
09/29/94	BLK944114	CHGC7A40928120002	NA	1.00	0.752	ug/L	75.0
10/12/94	BLK944136	CHGC7A41012120001	NA	1.00	0.737	ug/L	74.0

Number of Samples : 5 Below acceptance : 0
Mean % Recovery : 73.0 Above acceptance : 0
Standard Deviation : 4.00 Acceptance Criteria 20-150

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Normal Sample

09/16/94	G94-02-GW-01	CHGC6A40915120002	NA	0.962	0.746	ug/L	78.0
09/16/94	G94-02-GW-03	CHGC6A40915120002	NA	0.935	0.721	ug/L	77.0



ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Normal Sample, cont.

09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.935	0.703	ug/L	75.0
09/16/94	G94-09-MW-04	CHGC6A40915120002	NA	0.966	0.740	ug/L	77.0
09/26/94	G94-05-MW-06	CHGC6A40926120001	NA	0.943	0.728	ug/L	77.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.971	0.810	ug/L	84.0
09/26/94	G94-09-MW-03	CHGC6A40926120001	NA	1.01	0.799	ug/L	79.0
09/26/94	G94-09-MW-05	CHGC6A40926120001	NA	0.980	0.818	ug/L	83.0
09/26/94	G94-09-MW-06	CHGC6A40926120001	NA	0.971	0.806	ug/L	83.0
09/27/94	G94-06-MW-05	CHGC6A40926120001	NA	1.01	0.822	ug/L	81.0
09/27/94	G94-06-MW-06	CHGC6A40926120001	NA	0.976	0.774	ug/L	79.0
09/27/94	G94-09-MW-01	CHGC6A40926120001	NA	0.952	0.753	ug/L	79.0
09/27/94	G94-09-MW-02	CHGC6A40926120001	NA	0.990	0.851	ug/L	86.0
09/27/94	G94-09-MW-15	CHGC6A40926120001	NA	0.985	0.816	ug/L	83.0
09/27/94	G94-10-MW-03	CHGC6A40926120001	NA	0.943	0.718	ug/L	76.0
10/09/94	G94-05-MW-02	CHGC6A41005120004	NA	1.02	0.927	ug/L	91.0
10/09/94	G94-05-MW-03	CHGC6A41005120004	NA	0.990	0.783	ug/L	79.0
10/09/94	G94-05-MW-04	CHGC6A41005120004	NA	0.962	0.825	ug/L	86.0
10/09/94	G94-05-MW-05	CHGC6A41005120004	NA	0.962	0.674	ug/L	70.0
10/09/94	G94-05-MW-07	CHGC6A41005120004	NA	0.980	0.593	ug/L	60.0
10/09/94	G94-05-MW-11	CHGC6A41005120004	NΑ	0.980	0.777	ug/L	79.0
10/09/94	G94-05-MW-14	CHGC6A41005120004	NΑ	0.962	0.803	ug/L	84.0
10/09/94	G94-05-MW-15	CHGC6A41005120004	NA	1.02	0.823	ug/L	81.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	0.772	ug/L	79.0
10/09/94	G94-13-MW-38	CHGC6A41005120004	NA	1.00	0.816	ug/L	82.0
09/29/94	G94-01-MW-05	CHGC7A40928120002	NA	0.980	0.700	ug/L	71.0
09/30/94	G94-01-MW-01	CHGC7A40928120002	NA	1.00	0.706	ug/L	71.0
09/30/94	G94-01-MW-02	CHGC7A40928120002	NA	0.976	0.825	ug/L	85.0
09/30/94	G94-05-MW-13	CHGC7A40928120002	NA	0.980	0.773	ug/L	79.0
10/13/94	G94-01-MW-06	CHGC7A41012120001	NA	0.943	0.778	ug/L	82.0
10/13/94	G94-01-MW-07	CHGC7A41012120001	NA	0.935	0.797	ug/L	85.0
10/13/94	G94-01-MW-08	CHGC7A41012120001	NA	0.971	0.789	ug/L	81.0
10/13/94	G94-02-GW-04R	CHGC7A41012120001	NA	0.952	0.780	ug/L	82.0
10/13/94	G94-06-MW-01	CHGC7A41012120001	NA	0.990	0.804	ug/L	81.0
10/13/94	G94-06-MW-04	CHGC7A41012120001	NA	0.980	1.04	ug/L	106
10/13/94	G94-06-MW-07	CHGC7A41012120001	NA	0.971	0.867	ug/L	89.0
10/13/94	G94-09-MW-08	CHGC7A41012120001	NA	0.943	0.876	ug/L	93.0
10/13/94	G94-09-MW-12	CHGC7A41012120001	NA	1.00	0.307	ug/L	31.0
10/13/94	G94-10-MW-01	CHGC7A41012120001	NA	0.976	0.847	ug/L	87.0

Number of Samples : 39 Mean % Recovery : 79.8

Below acceptance : 0 Above acceptance :

: 10.8 Standard Deviation Acceptance Criteria 20-150

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate ~ Field Duplicate

09/16/94	G94-06-MW-03-FD	CHGC6A40915120002	NA	0.971	0.898	ug/L	92.0
09/26/94	G94-09-MW-05-FD	CHGC6A40926120001	NA	0.990	0.900	ug/L	91.0
10/09/94	G94-05-MW-02-FD	CHGC6A41005120004	NA	1.00	0.922	ug/L	92.0
10/09/94	G94-13-MW-37-FD	CHGC6A41005120004	NA	0.990	0.984	ug/L	99.0
09/30/94	G94-01-MW-01-FD	CHGC7A40928120002	NA	0.966	0.863	ug/L	89.0

Number of Samples : 5 Below acceptance : : 92.6 Above acceptance : 0
Acceptance Criteria 20-150 Mean % Recovery Standard Deviation : 3.78

 ${\tt Method: SW8080 - Organochlorine\ Pesticides\ and\ PCBs}$ 

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Laboratory Control

09/16/94	LCS946201 K	CHGC6A40915120002	NA	1.00	0.977	ug/L	9
09/16/94	LCS946202	CHGC6A40915120002	NA	1.00	0.949	ug/L	95. ₹
09/16/94	LCSD946201	CHGC6A40915120002	NA	1.00	0.937	ug/L	94.0
09/16/94	LCSD946202	CHGC6A40915120002	NA	1.00	0.936	ug/L	94.0
09/26/94	LCS946304	CHGC6A40926120001	NA	1.00	0.920	ug/L	92.0
09/26/94	LCS946361 K	CHGC6A40926120001	NA	1.00	1.08	ug/L	108
09/26/94	LCSD946304	CHGC6A40926120001	NA	1.00	0.967	ug/L	97.0
09/26/94	LCSD946361	CHGC6A40926120001	NA	1.00	1.08	ug/L	108
10/09/94	LCS946526	CHGC6A41005120004	NA	1.00	0.953	ug/L	95.0
10/09/94	LCS946527	CHGC6A41005120004	NA	1.00	0.918	ug/L	92.0
10/09/94	LCSD946526	CHGC6A41005120004	NA	1.00	0.977	ug/L	98.0
10/09/94	LCSD946527	CHGC6A41005120004	NA	1.00	0.947	ug/L	95.0
09/29/94	LCS946397	CHGC7A40928120002	NA	1.00	0.923	ug/L	92.0
09/29/94	LCS946398	CHGC7A40928120002	NA	1.00	0.874	ug/L	87.0
09/29/94	LCSD946397	CHGC7A40928120002	NA	1.00	0.982	ug/L	98.0
09/29/94	LCSD946398	CHGC7A40928120002	NA	1.00	0.916	ug/L	92.0
10/12/94	LCS946423	CHGC7A41012120001	NA	1.00	0.971	ug/L	97.0
10/12/94	LCSD946423	CHGC7A41012120001	NA	1.00	1.03	ug/L	103
10/13/94	LCS946424	CHGC7A41012120001	NA	1.00	0.902	ug/L	90.0
10/13/94	LCSD946424	CHGC7A41012120001	NA	1.00	0.860	ug/L	86.0

: 20 : 95.6 Number of Samples Below acceptance : Above acceptance : 0 Mean % Recovery Standard Deviation : 5.80 Acceptance Criteria 20-150

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8080	) - Organochlorine Pest	icides and PCBs					
iked Analyte : Dibuty	- · · · · · · · · · · · · · · · · · · ·						
ype of Spike : Surrog							
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.971	0.938	ug/L	97.
09/16/94 09/16/94	G94-06-MW-03 G94-06-MW-03	CHGC6A40915120002 CHGC6A40915120002	NA NA	0.971 0.976	0.938 0.956	ug/L ug/L	
• •							98
09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.976	0.956	ug/L	98 90
09/16/94 09/26/94 09/26/94	G94-06-MW-03 G94-06-MW-02	CHGC6A40915120002 CHGC6A40926120001	NA NA	0.976 0.980	0.956 0.882	ug/L ug/L	97. 98. 90. 93.
09/16/94 09/26/94 09/26/94 10/09/94	G94-06-MW-03 G94-06-MW-02 G94-06-MW-02 G94-13-MW-37	CHGC6A40915120002 CHGC6A40926120001 CHGC6A40926120001	NA NA NA	0.976 0.980 0.980	0.956 0.882 0.913	ug/L ug/L ug/L	98 90 93
09/16/94 09/26/94 09/26/94	G94-06-MW-03 G94-06-MW-02 G94-06-MW-02	CHGC6A40915120002 CHGC6A40926120001 CHGC6A40926120001 CHGC6A41005120004	NA NA NA	0.976 0.980 0.980 0.980	0.956 0.882 0.913 0.895	ug/L ug/L ug/L ug/L	98 90 93 91

Mean % Recovery Standard Deviation : 15.1 Above acceptance : Acceptance Criteria 20-150

0

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Method Blank

09/16/94	BLK943967 B	CHGC6A40915120002	NA	1.00	0.914	ug/L	91.0
09/26/94	BLK94477 BM	CHGC6A40926120001	NA	1.00	0.996	ug/L	100
10/08/94	BLK944213	CHGC6A41005120004	NA	1.00 •	0.986	ug/L	99.0
09/29/94	BLK944114	CHGC7A40928120002	NA	1.00	0.998	ug/L	100
10/12/94	BLK944136	CHGC7A41012120001	NA	1.00	1.03	ug/L	103

Number of Samples Below acceptance : : 98.6 Above acceptance : Mean % Recovery Standard Deviation : 4.51 Acceptance Criteria 20-150

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Normal Sample

96.0 0.962 0.927 ug/L 09/16/94 G94-02-GW-01 CHGC6A40915120002 NA 09/16/94 G94-02-GW-03 CHGC6A40915120002 NA 0.935 0.906 ug/L 97.0

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

A-2.1-49

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Normal Sample, cont.

09/16/94	G94-06-MW-03	CHGC6A40915120002	NA	0.935	0.839	ug/L	90.0
09/16/94	G94-09-MW-04	CHGC6A40915120002	NA	0.966	0.870	ug/L	90.0
09/26/94	G94-05-MW-06	CHGC6A40926120001	NA	0.943	0.914	ug/L	97.0
09/26/94	G94-06-MW-02	CHGC6A40926120001	NA	0.971	0.886	ug/L	91.0
09/26/94	G94-09-MW-03	CHGC6A40926120001	NA	1.01	0.996	ug/L	99.0
09/26/94	G94-09-MW-05	CHGC6A40926120001	NA	0.980	0.953	ug/L	97.0
09/26/94	G94-09-MW-06	CHGC6A40926120001	NA	0.971	0.977	ug/L	101
09/27/94	G94-06-MW-05	CHGC6A40926120001	NA	1.01	0.900	ug/L	89.0
09/27/94	G94-06-MW-06	CHGC6A40926120001	NA	0.976	0.784	ug/L	80.0
09/27/94	G94-09-MW-01	CHGC6A40926120001	NA	0.952	0.827	ug/L	87.0
09/27/94	G94-09-MW-02	CHGC6A40926120001	NA	0.990	0.947	ug/L	96.0
09/27/94	G94-09-MW-15	CHGC6A40926120001	NA	0.985	0.986	ug/L	100
09/27/94	G94-10-MW-03	CHGC6A40926120001	NA	0.943	0.955	ug/L	101
10/09/94	G94-05-MW-02	CHGC6A41005120004	NA	1.02	1.00	ug/L	98.0
10/09/94	G94-05-MW-03	CHGC6A41005120004	NA	0.990	0.872	ug/L	88.0
10/09/94	G94-05-MW-04	CHGC6A41005120004	NA	0.962	0.425	ug/L	44.0
10/09/94	G94-05-MW-05	CHGC6A41005120004	NA	0.962	0.792	ug/L	82.0
10/09/94	G94-05-MW-07	CHGC6A41005120004	NΑ	0.980	0.327	ug/L	3
10/09/94	G94-05-MW-11	CHGC6A41005120004	NΑ	0.980	0.773	ug/L	79
10/09/94	G94-05-MW-14	CHGC6A41005120004	NA	0.962	0.885	ug/L	92.0
10/09/94	694-05-MW-15	CHGC6A41005120004	NA	1.02	0.871	ug/L	85.0
10/09/94	G94-13-MW-37	CHGC6A41005120004	NA	0.980	0.785	ug/L	80.0
10/09/94	G94-13-MW-38	CHGC6A41005120004	NA	1.00	0.982	ug/L	98.0
09/29/94	G94-01-MW-05	CHGC7A40928120002	NA	0.980	0.597	ug/L	61.0
09/30/94	G94-01-MW-01	CHGC7A40928120002	NA	1.00	0.862	ug/L	86.0
09/30/94	G94-01-MW-02	CHGC7A40928120002	NA	0.976	0.895	ug/L	92.0
09/30/94	G94-05-MW-13	CHGC7A40928120002	NA	0.980	0.785	ug/L	80.0
10/13/94	G94-01-MW-06	CHGC7A41012120001	NA	0.943	0.870	ug/L	92.0
10/13/94	G94-01-MW-07	CHGC7A41012120001	NA	0.935	0.936	ug/L	100
10/13/94	G94-01-MW-08	CHGC7A41012120001	NA	0.971	0.965	ug/L	99.0
10/13/94	G94-02-GW-04R	CHGC7A41012120001	NA	0.952	0.938	ug/L	98.0
10/13/94	G94-06-MW-01	CHGC7A41012120001	NA	0.990	1.00	ug/L	101
10/13/94	G94-06-MW-04	CHGC7A41012120001	NA	0.980	0.805	ug/L	82.0
10/13/94	G94-06-MW-07	CHGC7A41012120001	NA	0.971	1.05	ug/L	108
10/13/94	G94-09-MW-08	CHGC7A41012120001	NA	0.943	0.339	ug/L	36.0
10/13/94	G94-09-MW-12	CHGC7A41012120001	NA	1.00	0.194	ug/L	19.0
10/13/94	G94-10-MW-01	CHGC7A41012120001	NA	0.976	0.861	ug/L	88.0

Number of Samples : 39
Mean % Recovery : 85.4
Standard Deviation : 20.2

Below acceptance : 1
Above acceptance : 0
Acceptance Criteria 20-150

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte: 1,1,1-Trichloroethane Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.70	ug/L	100
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.84	ug/L	103
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.89	ug/L	103
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.74	ug/L	116
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.86	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.25	ug/L	109
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.60	ug/L	114
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.75	ug/L	116

Number of Samples Below acceptance : n Mean % Recovery : 108 Above acceptance : 0 : 6.59 Standard Deviation Acceptance Criteria 58-144

Method: SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,1,2,2-Tetrachloroethane

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.16	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.68	ug/L	100
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.98	ug/L	105
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.90	ug/L	103
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.13	ug/L	107
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.69	ug/L	115
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.73	ug/L	101
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.25	ug/L	109

Number of Samples Below acceptance : 0 : 106 Mean % Recovery Above acceptance : 0 Standard Deviation : 4.82 Acceptance Criteria 60-134

Method: SW8260 - Volatile Organic Compounds

Spiked Analyte: 1,1,2-Trichloroethane Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG.	AMOUNT	AMOUNT	RESULT	%
	3AMPLE 10	DAICH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOV
Method : SW8260	- Volatile Organic C	ompounds					
Spiked Analyte : 1,1,2-7	Trichloroethane						
Type of Spike : Laborat	cory Control, cont.						
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.45	ug/L	97.0
09/19/94	LCSD946319	MSMSDB40919082801	NA.	6.67	6.22	ug/L	93.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.88	ug/L	10:
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.92	ug/L	10-
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.42	ug/L	96.
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.88	ug/L	10
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.52	ug/L	98.
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.90	ug/L	103

Number of Samples Mean % Recovery

: 99.6

Standard Deviation : 4.14

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 68-122

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte: 1,1-Dichloroethane Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.62	ug/L	99.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.78	ug/L	102
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.40	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.33	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.47	ug/L	97.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.69	ug/L	100
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.14	ug/L	107
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.03	ug/L	105

Number of Samples : 8
Mean % Recovery : 102
Standard Deviation : 4.96

Above acceptance :

0

Acceptance Criteria 65-131

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,1-Dichloroethene Type of Spike : Laboratory Control

ANALYZ	ED SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE		· ·	ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 1,1-Dichloroethene

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.17	ug/L	93.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.44	ug/L	97.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.63	ug/L	99.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.58	ug/L	114
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.69	ug/L	100
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.96	ug/L	104
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.81	ug/L	117
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.79	ug/L	117

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 105 Above acceptance : 0
Standard Deviation : 9.55 Acceptance Criteria 51-133

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,1-Dichloroethene

Type of Spike : Matrix Spike

09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.2	ug/L	103
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	15.4	ug/L	92.0
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	15.4	ug/L	92.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.240	50.1	45.4	ug/L	90.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.240	50.1	44.6	ug/L	89.0
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	15.4	ug/L	92.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	15.2	ug/L	91.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	15.6	ug/L	93.0

Number of Samples : 8 Below acceptance : 0 Mean % Recovery : 92.8 Above acceptance : 0 Standard Deviation : 4.33 Acceptance Criteria 51-133

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,2-Dichloroethane Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVED

Spiked Analyte : 1,2-Dichloroethane

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.15	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.05	ug/L	106
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.19	ug/L	108
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.66	ug/L	115
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.22	ug/L	108
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.68	ug/L	115
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.20	ug/L	108
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.60	ug/L	114

Number of Samples Mean % Recovery Standard Deviation

: 8 : 110 : 3.83

Below acceptance : Above acceptance :

0 0

Acceptance Criteria 68-138

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,2-Dichloropropane Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.78	ug/L	102
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.71	ug/L	101
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.75	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.75	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.80	ug/L	102
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.05	ug/L	106
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.58	ug/L	99.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.97	ug/L	104

Number of Samples

: 102

Below acceptance : Above acceptance :

0

Mean % Recovery Standard Deviation

: 2.14

Acceptance Criteria 77-119

Method: SW8260 - Volatile Organic Compounds

Spiked Analyte : 2-Butanone(MEK) Type of Spike : Laboratory Control

	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
)								
	Method - SW8260	- Volatile Organic C	omnounds					
	Spiked Analyte : 2-Butan		on pour a					
	Type of Spike : Laborat	ory Control, cont.						
	09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	34.5	ug/L	104
	09/19/94	LCSD946319	MSMSDB40919082801	NA	33.3	31.6	ug/L	95.0
	09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	29.9	ug/L	90.0
	09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	28.4	ug/L	85.0

ug/L LCSD946488 MSMSDB40930181401 10/01/94 : 8 0 Number of Samples Below acceptance :

33.3

33.3

33.3

33.3

NA

NA

32.7

33.8

29.8

32.0

ug/L

ug/L

ug/L

MSMSDB40929151301

MSMSDB40929151301

MSMSDB40930181401

: 94.8 Mean % Recovery Above acceptance : Standard Deviation : 6.41 Acceptance Criteria D-160

Method : SW8260 - Volatile Organic Compounds

LCS946478

LCSD946479

LCS946487

Spiked Analyte : 2-Chloroethyl vinyl ether

Type of Spike : Laboratory Control

09/29/94

09/29/94

09/30/94

09/19/94	LCS946318	MSMSDB40919082801	NA	13.3	13.0	ug/L	98.0
09/19/94	103940310	13002001	IVA	13.3	13.0	<del>-</del>	
09/19/94	LCSD946319	MSMSDB40919082801	NA	13.3	14.7	ug/L	111
09/22/94	LCS946339	MSMSDB40922123601	NA	13.3	12.6	ug/L	95.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	13.3	14.1	ug/L	106
09/29/94	LCS946478	MSMSDB40929151301	NA	13.3	15.7	ug/L	118
09/29/94	LCSD946479	MSMSDB40929151301	NA	13.3	13.5	ug/L	101
09/30/94	LCS946487	MSMSDB40930181401	NA	13.3	14.4	ug/L	109
10/01/94	LCSD946488	MSMSDB40930181401	NA	13.3	15.1	ug/L	113

Number of Samples Below acceptance : : 106 Above acceptance : Mean % Recovery Acceptance Criteria Standard Deviation : 7.89

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 2-Hexanone

Type of Spike : Laboratory Control

98.0

101

89.0

96.0

ANACIZED SAMPLE ID BATCH ID RESULT SPINED RECOVERED UN	DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT	% DECOVED'S
					241VED		UNIT	RECOVERY

Spiked Analyte : 2-Hexanone

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	35.1	ug/L	105
09/19/94	LCSD946319	MSMSDB40919082801	NA	33.3	32.7	ug/L	98.0
09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	30.9	ug/L	93.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	30.0	ug/L	90.0
09/29/94	LCS946478	MSMSDB40929151301	NA	33.3	34.0	ug/L	102
09/29/94	LCSD946479	MSMSDB40929151301	NA	33.3	34.4	ug/L	103
09/30/94	LCS946487	MSMSDB40930181401	NA	33.3	28.3	ug/L	85.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	33.3	30.6	ug/L	92.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 96.0 Above acceptance : 0
Standard Deviation : 7.09 Acceptance Criteria 58-140

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 4-Methyl-2-Pentanone(MIBK)

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	39.2	ug/L	118
09/19/94	LCSD946319	MSMSDB40919082801	NA	33.3	37.0	ug/L	111
09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	37.6	ug/L	113
09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	36.1	ug/L	108
09/29/94	LCS946478	MSMSDB40929151301	NA	33.3	40.7	ug/L	122
09/29/94	LCSD946479	MSMSDB40929151301	NA	33.3	43.0	ug/L	129
09/30/94	LCS946487	MSMSDB40930181401	NA	33.3	34.6	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	33.3	37.6	ug/L	113

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 115 Above acceptance : 0
Standard Deviation : 8.00 Acceptance Criteria 58-142

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Acetone

Type of Spike : Laboratory Control

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	% 5500V50V
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8	260 - Volatile Organic Co	mpounds					
Spiked Analyte : Ace	tone						
Type of Spike : Lab	oratory Control, cont.						
09/19/94	LCS946318	MSMSDB40919082801	NA	33.3	23.8	ug/L	71.0
09/19/94	LCSD946319	MSMSDB40919082801	NA.	33.3	22.4	ug/L	67.0
09/22/94	LCS946339	MSMSDB40922123601	NA	33.3	22.1	ug/L	66.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	33.3	20.4	ug/L	61.0
09/29/94	LCS946478	MSMSDB40929151301	NA	33.3	26.4	ug/L	79.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	33.3	25.4	ug/L	76.0

MSMSDB40930181401

MSMSDB40930181401

NA

33.3 21.2

22.4

33.3

ug/L

ug/L

64.0

67.0

Number of Samples : 8 Mean % Recovery : 68.9 Standard Deviation : 6.08 Below acceptance : Above acceptance : 0 Acceptance Criteria 3-127

Method : SW8260 - Volatile Organic Compounds

LCS946487

LCSD946488

Spiked Analyte : Benzene

09/30/94

10/01/94

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.11	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.15	ug/L	107
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.11	ug/Ĺ	107
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.33	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.25	ug/L	109
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.52	ug/L	113
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.36	úg/L	110
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.69	ug/L	115

: 8 Number of Samples Below acceptance : Above acceptance : 0 Mean % Recovery : 110 Standard Deviation : 2.96 Acceptance Criteria 74-132

Method: SW8260 - Volatile Organic Compounds

Spiked Analyte : Benzene Type of Spike : Matrix Spike

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY

Spiked Analyte : Benzene

Type of Spike : Matrix Spike, cont.

09/19/94	G94-06-MW-03	MSMSDB40919082801	0.330	16.7	18.4	ug/L	108
09/19/94	G94-06-MW-03	MSMSDB40919082801	0.330	16.7	17.5	ug/L	103
09/22/94	G94-01-MW-05	MSMSDB40922123601	0.0400	16.7	16.5	ug/L	99.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.150	50.1	52.0	ug/L	103
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.150	50.1	52.5	ug/L	104
09/23/94	G94-01-MW-05	MSMSDB40922123601	0.0400	16.7	16.7	ug/L	100
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.0500	16.7	17.0	ug/L	102
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.0500	16.7	16.0	ug/L	95.0

Number of Samples : 102 Mean % Recovery : 3.85 Standard Deviation

0 Below acceptance : Above acceptance : 0 Acceptance Criteria 74-132

0

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Bromodichloromethane Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.56	ug/L	98.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.54	ug/L	98.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.07	ug/L	106
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.99	ug/L	105
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.43	ug/L	111
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.70	ug/L	115
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.87	ug/L	103
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.36	ug/L	110

Number of Samples : 8 Below acceptance : Mean % Recovery : 106 Above acceptance : Standard Deviation : 6.09 Acceptance Criteria 64-132

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Bromoform

Type of Spike : Laboratory Control

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Bromoform

Type of Spike : Laboratory Control, cont.

LCS946318	MSMSDB40919082801	NA	6.67	6.70	ug/L	100
LCSD946319	MSMSDB40919082801	NA	6.67	6.37	ug/L	96.0
LCS946339	MSMSDB40922123601	NA	6.67	6.43	ug/L	96.0
LCSD946340	MSMSDB40922123601	NA	6.67	6.41	ug/L	96.0
LCS946478	MSMSDB40929151301	NA	6.67	6.40	ug/L	96.0
LCSD946479	MSMSDB40929151301	NA	6.67	6.86	ug/L	103
LCS946487	MSMSDB40930181401	NA	6.67	6.37	ug/L	96.0
LCSD946488	MSMSDB40930181401	NA	6.67	6.57	ug/L	98.0
	LCSD946319 LCS946339 LCSD946340 LCS946478 LCSD946479 LCS946487	LCSD946319 MSMSDB40919082801 LCS946339 MSMSDB40922123601 LCSD946340 MSMSDB40922123601 LCS946478 MSMSDB40929151301 LCSD946479 MSMSDB40929151301 LCS946487 MSMSDB40930181401	LCSD946319 MSMSDB40919082801 NA LCS946339 MSMSDB40922123601 NA LCSD946340 MSMSDB40922123601 NA LCS946478 MSMSDB40929151301 NA LCSD946479 MSMSDB40929151301 NA LCS946487 MSMSDB40930181401 NA	LCSD946319 MSMSDB40919082801 NA 6.67 LCS946339 MSMSDB40922123601 NA 6.67 LCSD946340 MSMSDB40922123601 NA 6.67 LCS946478 MSMSDB40929151301 NA 6.67 LCSD946479 MSMSDB40929151301 NA 6.67 LCS946487 MSMSDB40930181401 NA 6.67	LCSD946319 MSMSDB40919082801 NA 6.67 6.37 LCS946339 MSMSDB40922123601 NA 6.67 6.43 LCSD946340 MSMSDB40922123601 NA 6.67 6.41 LCS946478 MSMSDB40929151301 NA 6.67 6.40 LCSD946479 MSMSDB40929151301 NA 6.67 6.86 LCS946487 MSMSDB40930181401 NA 6.67 6.37	LCSD946319 MSMSDB40919082801 NA 6.67 6.37 ug/L LCS946339 MSMSDB40922123601 NA 6.67 6.43 ug/L LCSD946340 MSMSDB40922123601 NA 6.67 6.41 ug/L LCS946478 MSMSDB40929151301 NA 6.67 6.40 ug/L LCSD946479 MSMSDB40929151301 NA 6.67 6.86 ug/L LCS946487 MSMSDB40930181401 NA 6.67 6.37 ug/L

Number of Samples : 8 Below acceptance : 0 Mean % Recovery : 97.6 Above acceptance : 0 Standard Deviation : 2.62 Acceptance Criteria 41-135

.Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Bromomethane

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.59	ug/L	84.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.62	ug/L	84.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	5.81	ug/L	87.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.43	ug/L	96.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	5.12	ug/L	77.0
09/29/94	LCSD946479	MSMSDB40929151301	NΑ	6.67	5.26	ug/L	79.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.10	ug/L	91.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.14	ug/L	92.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 86.3 Above acceptance : 0
Standard Deviation : 6.54 Acceptance Criteria 46-152

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Carbon disulfide
Type of Spike : Laboratory Control

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Carbon disulfide

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.90	ug/L	118
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	8.22	ug/L	123
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.69	ug/L	115
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	8.41	ug/L	126
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.87	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.16	ug/L	107
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.95	ug/L	119
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.95	ug/L	119

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 116 Above acceptance : 0
Standard Deviation : 7.76 Acceptance Criteria 29-223

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Carbon tetrachloride
Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.99	ug/L	90.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.14	ug/L	92.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.23	ug/L	108
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.46	ug/L	112
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.07	ug/L	106
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.43	ug/L	111
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.75	ug/L	101
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.33	ug/L	110

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 104 Above acceptance : 0
Standard Deviation : 8.60 Acceptance Criteria 53-167

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Chlorobenzene
Type of Spike : Laboratory Control

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8260	- Volatile Organic Cor	mpounds					
oiked Analyte : Chlorob	penzene						
ومعطوا والمالة في المسلمة	tory Control, cont.						
ype of Spike : Labora:	501 y 501101 511						
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.20	ug/L	93.
	•	MSMSDB40919082801 MSMSDB40919082801	NA NA	6.67 6.67	6.20 6.15	ug/L ug/L	
09/19/94	LCS946318					· ·	92.
09/19/94 09/19/94	LCS946318 LCSD946319	MSMSDB40919082801	NA	6.67	6.15	ug/L	92. 95.
09/19/94 09/19/94 09/22/94	LCS946318 LCSD946319 LCS946339	MSMSDB40919082801 MSMSDB40922123601	NA NA	6.67 6.67	6.15 6.36	ug/L ug/L	92. 95. 99.
09/19/94 09/19/94 09/22/94 09/22/94	LCS946318 LCSD946319 LCS946339 LCSD946340	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601	NA NA NA	6.67 6.67 6.67	6.15 6.36 6.63	ug/L ug/L ug/L	92. 95. 99. 89.
09/19/94 09/19/94 09/22/94 09/22/94 09/29/94	LCS946318 LCSD946319 LCS946339 LCSD946340 LCS946478	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301	NA NA NA	6.67 6.67 6.67 6.67	6.15 6.36 6.63 5.93	ug/L ug/L ug/L ug/L	93. 92. 95. 99. 89. 95.

Number of Samples : 8 Below acceptance : 0 Mean % Recovery : 95.3 Above acceptance : 0 Standard Deviation : 3.96 Acceptance Criteria 73-119

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Chlorobenzene Type of Spike : Matrix Spike

09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	16.0	ug/L	96.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.1	ug/L	102
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.4	ug/L	98.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	ND	50.1	50.0	ug/L	100
09/22/94	G94-06-MW-02	MSMSDB40922123601	ND	50.1	50.4	ug/L	101
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.6	ug/L	100
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	16.4	ug/L	98.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	ND	16.7	17.3	ug/L	104

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 99.9 Above acceptance : 0
Standard Deviation : 2.53 Acceptance Criteria 73-119

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Chloroethane

Type of Spike : Laboratory Control

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Chloroethane

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.16	ug/L	107
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.86	ug/L	118
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	7.59	ug/L	114
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	8.88	ug/L	133
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.42	ug/L	96.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.73	ug/L	101
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	8.20	ug/L	123
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	8.23	ug/L	123

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 114 Above acceptance : 0
Standard Deviation : 12.4 Acceptance Criteria 50-154

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Chloroform

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.17	ug/L	93.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.35	ug/L	95.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.56	ug/L	98.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.22	ug/L	108
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.57	ug/L	98.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.92	ug/L	104
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.97	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.22	ug/L	108

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 101 Above acceptance : 0
Standard Deviation : 5.78 Acceptance Criteria 64-130

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Chloromethane
Type of Spike : Laboratory Control

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Chloromethane

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.03	ug/L	75.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.02	ug/L	75.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	5.62	ug/L	84.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.13	ug/L	92.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	4.84	ug/L	73.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	4.97	ug/L	75.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	5.49	ug/L	82.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	5.53	ug/L	83.0

Number of Samples : 79.9 Mean % Recovery Standard Deviation : 6.51

Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 39-135

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Dibromochloromethane Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	- NA	6.67	6.35	ug/L	95.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.15	ug/L	92.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.54	ug/L	98.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.57	ug/L	98.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.22	ug/L	93.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.74	ug/L	101
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.30	ug/L	94.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.52	ug/L	98.0

Number of Samples : 8 : 96.1 Mean % Recovery : 3.09 Standard Deviation

0 Below acceptance : Above acceptance : 0 Acceptance Criteria 60-122

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Ethyl benzene Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Ethyl benzene

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.51	ug/L	98.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.54	ug/L	98.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.24	ug/L	94.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.74	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	5.83	ug/L	87.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.08	ug/L	91.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.67	ug/L	100
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.66	ug/L	100

Number of Samples : 8 Below acceptance : Mean % Recovery : 96.1 Above acceptance : Standard Deviation : 5.00 Acceptance Criteria 72-130

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Meta-&Para-Xylene Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	13.3	13.0	ug/L	97.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	13.3	13.4	ug/L	101
09/22/94	LCS946339	MSMSDB40922123601	NA	13.3	13.3	ug/L	100
09/22/94	LCSD946340	MSMSDB40922123601	NA	13.3	14.4	ug/L	108
09/29/94	LCS946478	MSMSDB40929151301	NA	13.3	12.2	ug/L	92.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	13.3	12.9	ug/L	97.0
09/30/94	LCS946487	MSMSDB40930181401	NA	13.3	13.8	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	13.3	13.8	ug/L	104

Number of Samples : 8 Below acceptance : : 100 Mean % Recovery Above acceptance : Standard Deviation : 5.04 Acceptance Criteria 74-128

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Methylene Chloride Type of Spike : Laboratory Control

	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
)								

Spiked Analyte : Methylene Chloride

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.52	ug/L	113
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.35	ug/L	110
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.80	ug/L	102
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.35	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.59	ug/L	114
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	8.16	ug/L	122
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	8.21	ug/L	123
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	8.75	ug/L	131

Number of Samples Mean % Recovery : 116 Standard Deviation : 9.18

Below acceptance : Above acceptance : 0 Acceptance Criteria 49-151

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Ortho-Xylene

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.58	ug/L	99.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.61	ug/L	99.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.76	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.11	ug/L	107
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.28	ug/L	94.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.59	ug/L	99.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.91	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.02	ug/L	105

Number of Samples : 101 Mean % Recovery Standard Deviation : 4.17

Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 79-125

Method: SW8260 - Volatile Organic Compounds

Spiked Analyte : Styrene

Type of Spike : Laboratory Control

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER

Spiked Analyte : Styrene

Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.60	ug/L	99.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.61	ug/L	99.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.63	ug/L	99.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.74	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.27	ug/L	94.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.59	ug/L	99.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.97	ug/L	104
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.83	ug/L	102

: 8 Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 73-131 Number of Samples Mean % Recovery : 99.6 Standard Deviation : 2.92

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Tetrachloroethene Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.09	ug/L	91.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.38	ug/L	96.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.21	ug/L	93.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.71	ug/L	101
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	5.59	ug/L	84.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.00	ug/L	90.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.64	ug/L	100
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	6.61	ug/L	99.0

Number of Samples : 8 Below acceptance : 0 Mean % Recovery : 94.3 Above acceptance : Standard Deviation : 5.85 Acceptance Criteria 62-124

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Toluene

Type of Spike : Laboratory Control

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method · SW8260	- Volatile Organic C	ompounds					
Spiked Analyte : Toluene	•	opouo					
Type of Spike : Laborat							

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.89	ug/L	103
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.80	ug/L	102
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.83	ug/L	102
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.08	ug/L	106
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.85	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.03	ug/L	105
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.01	ug/L	105
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.16	ug/L	107

Number of Samples	:	8	Below acceptance :	0
Mean % Recovery	:	104	Above acceptance :	0
Standard Deviation	:	1.89	Acceptance Criteria	81-121

Spiked Analyte : Toluene
Type of Spike : Matrix Spike

09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.6	ug/L	105
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	16.6	ug/L	100
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.5	ug/L	99.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.0900	50.1	49.8	ug/L	99.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	0.0900	50.1	50.7	ug/L	101
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.4	ug/L	98.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.130	16.7	15.5	ug/L	92.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.130	16.7	16.4	ug/L	97.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 98.9 Above acceptance : 0
Standard Deviation : 3.68 Acceptance Criteria 81-121

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Trichloroethene
Type of Spike : Laboratory Control

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG.	AMOUNT	AMOUNT	RESULT	%
			RESULT	SPIKED	RECOVERED	UNIT 	RECOVE
Method : SW8260	) - Volatile Organic C	ompounds					
ked Analyte : Trich	loroethene						
pe of Spike : Labora	atory Control, cont.						
, ·	•						
09/19/94	LCS946318	MSMSDB40919082801	NΑ	6.67	6.12	ug/L	92
•	LCS946318 LCSD946319	MSMSDB40919082801 MSMSDB40919082801	NA NA	6.67 6.67	6.12 6.26	ug/L ug/L	
09/19/94						-	94
09/19/94 09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.26	ug/L ug/L	94 96
09/19/94 09/19/94 09/22/94	LCSD946319 LCS946339	MSMSDB40919082801 MSMSDB40922123601	NA NA	6.67 6.67	6.26 6.41	ug/L ug/L ug/L	94 96 1
09/19/94 09/19/94 09/22/94 09/22/94	LCSD946319 LCS946339 LCSD946340	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601	NA NA NA	6.67 6.67 6.67	6.26 6.41 6.79	ug/L ug/L ug/L ug/L	94 96 1 93
09/19/94 09/19/94 09/22/94 09/22/94 09/29/94	LCSD946319 LCS946339 LCSD946340 LCS946478	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40929151301	NA NA NA	6.67 6.67 6.67 6.67	6.26 6.41 6.79 6.19	ug/L ug/L ug/L	94 96

Mean % Recovery : 97.4 Standard Deviation : 4.27

Above acceptance : 0

Acceptance Criteria 73-117

Method : SW8260 ~ Volatile Organic Compounds

Spiked Analyte : Trichloroethene Type of Spike : Matrix Spike

09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	15.8	ug/L	95.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	ND	16.7	17.0	ug/L	102
09/22/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.1	ug/L	96.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	77.7	50.1	128	ug/L	100
09/22/94	G94-06-MW-02	MSMSDB40922123601	77.7	50.1	123	ug/L	90.0
09/23/94	G94-01-MW-05	MSMSDB40922123601	ND	16.7	16.0	ug/L	96.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.330	16.7	16.2	ug/L	95.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	0.330	16.7	17.1	ug/L	100
						<del>-</del> '	

Number of Samples : 8 Mean % Recovery : 96.8 Standard Deviation : 3.81

Below acceptance : Above acceptance : Acceptance Criteria 73-117

Method: SW8260 - Volatile Organic Compounds

Spiked Analyte : Trichlorofluoromethane Type of Spike : Laboratory Control

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8260 piked Analyte : Trichl Type of Spike : Labora		mpounds					
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	4.66	ug/L	70.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.17	ug/L	78.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.37	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.32	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.29	ug/L	94.0

MSMSDB40929151301

MSMSDB40930181401

MSMSDB40930181401

NA

NA

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 94.4 Above acceptance : 0
Standard Deviation : 13.8 Acceptance Criteria 50-142

Method: SW8260 - Volatile Organic Compounds

LCSD946479

LCS946487

LCSD946488

Spiked Analyte : Vinyl Chloride
Type of Spike : Laboratory Control

09/29/94

09/30/94

10/01/94

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	5.05	ug/L	76.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	5.34	ug/L	80.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	5.38	ug/L	81.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.15	ug/L	92.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	4.63	ug/L	69.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	4.88	ug/L	73.0
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	5.49	ug/L	82.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	5.70	ug/L	85.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 79.8 Above acceptance : 0
Standard Deviation : 7.17 Acceptance Criteria 27-161

Method: SW8260 - Volatile Organic Compounds

Spiked Analyte : Vinyl acetate

Type of Spike : Laboratory Control

6.51

6.99

6.93

6.67

6.67

6.67

ug/L

ug/L

ug/L

98.0

105

104

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
<del></del>							
Method : SW8260	- Volatile Organic C	ompounds					
piked Analyte : Vinyl	acetate						
Type of Spike : Labora	tory Control, cont.						
09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	7.76	ug/L	116
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.18	ug/L	108
** /** /* *	LCS946339	MSMSDB40922123601	NA	6.67	6.87	ug/L	103
09/22/94							
09/22/94 09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.89	ug/L	103
,,	LCSD946340 LCS946478	MSMSDB40922123601 MSMSDB40929151301	NA NA	6.67 6.67	6.89 6.80	ug/L ug/L	
09/22/94			****			ug/L	103 102 109
09/22/94 09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.80	-	102

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 107 Above acceptance : 0
Standard Deviation : 4.54 Acceptance Criteria 35-199

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : cis-1,3-Dichloropropene

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.80	ug/L	102
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.44	ug/L	97.0
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.86	ug/L	103
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.79	ug/L	102
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	7.31	ug/L	110
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.42	ug/L	111
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.68	ug/L	100
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.10	ug/L	106

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 104 Above acceptance : 0
Standard Deviation : 4.82 Acceptance Criteria 75-131

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : trans-1,2-Dichloroethene

Type of Spike : Laboratory Control

. ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE	•		ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : trans-1,2-Dichloroethene Type of Spike : Laboratory Control, cont.

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.92	ug/L	104
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	7.09	ug/L	106
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.59	ug/L	99.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	7.34	ug/L	110
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.59	ug/L	99.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	6.79	ug/L	102
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	7.77	ug/L	116
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.55	ug/L	113

Number of Samples : 8 Below acceptance : 0 Mean % Recovery : 106 Above acceptance : 0 Standard Deviation : 6.36 Acceptance Criteria 58-144

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : trans-1,3-Dichloropropene

Type of Spike : Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	6.67	6.85	ug/L	103
09/19/94	LCSD946319	MSMSDB40919082801	NA	6.67	6.65	ug/L	100
09/22/94	LCS946339	MSMSDB40922123601	NA	6.67	6.74	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	6.67	6.57	ug/L	98.0
09/29/94	LCS946478	MSMSDB40929151301	NA	6.67	6.90	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	6.67	7.19	ug/L	108
09/30/94	LCS946487	MSMSDB40930181401	NA	6.67	6.88	ug/L	103
10/01/94	LCSD946488	MSMSDB40930181401	NA	6.67	7.21	ug/L	108

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 103 Above acceptance : 0
Standard Deviation : 3.55 Acceptance Criteria 64-132

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,2-Dichloroethane-d4
Type of Spike : Surrogate - Ambient Blank

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE

Spiked Analyte : 1,2-Dichloroethane-d4

Type of Spike : Surrogate - Ambient Blank, cont.

09/19/94	G94-AB-01		MSMSDB40919082801	N <i>A</i>	16.7	16.7	ug/L	100
Number of Sample	es :	1		Below a	cceptance :	0		
Mean % Recovery	:	100		Above a	cceptance :	0		
Standard Deviati	ion :	NC		Accepta	nce Criteria	83-121		

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,2-Dichloroethane-d4

Type of Spike : Surrogate - Field Duplicate

09/19/94	G94-06-MW-03-FD	MSMSDB40919082801	NA	16.7	18.3	ug/L	11
09/19/94	G94-09-MW-05-FD	MSMSDB40919082801	NA	16.7	18.2	ug/L	10
09/23/94	G94-01-MW-01-FD	MSMSDB40922123601	NA	16.7	18.6	ug/L	11
09/29/94	G94-05-MW-02-FD	MSMSDB40929151301	NA	16.7	17.7	ug/L	10
09/30/94	G94-13-MW-37-FD	MSMSDB40929151301	NA	16.7	17.7	ug/L	1

Number of Samples : 5 Below acceptance : 0
Mean % Recovery : 108 Above acceptance : 0
Standard Deviation : 2.30 Acceptance Criteria 83-121

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,2-Dichloroethane-d4

Type of Spike : Surrogate - Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	16.7	17.2	ug/L	103
09/19/94	LCSD946319	MSMSDB40919082801	NA	16.7	17.4	ug/L	104
09/22/94	LCS946339	MSMSDB40922123601	NA	16.7	17.8	ug/L	106
09/22/94	LCSD946340	MSMSDB40922123601	NA	16.7	18.1	ug/L	109
09/29/94	LCS946478	MSMSDB40929151301	NA	16.7	18.7	ug/L	112
09/29/94	LCSD946479	MSMSDB40929151301	NA	16.7	18.5	ug/L	111
09/30/94	LCS946487	MSMSDB40930181401	NA	16.7	17.5	ug/L	105
10/01/94	LCSD946488	MSMSDB40930181401	NA	16.7	18.2	ug/L	109

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 107 Above acceptance : 0
Standard Deviation : 3.34 Acceptance Criteria 83-121

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
	, ·						
Method : SW826	O - Volatile Organic Con	npounds					
piked Analyte : 1,2-D	ichloroethane-d4						
Type of Spike : Surro	gate - Matrix Spike	,					
					477.0		
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	17.9	ug/L	10,
09/19/94 09/19/94	G94-06-MW-03 G94-06-MW-03	MSMSDB40919082801 MSMSDB40919082801	NA NA	16.7 16.7	17.9 18.4	ug/L ug/L	
• •						· .	110
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	18.4	ug/L	107 110 110 112
09/19/94 09/22/94	G94-06-MW-03 G94-01-MW-05	MSMSDB40919082801 MSMSDB40922123601	NA NA	16.7 16.7	18.4 18.3	ug/L ug/L	110 110 112
09/19/94 09/22/94 09/22/94	G94-06-MW-03 G94-01-MW-05 G94-06-MW-02	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601	NA NA NA	16.7 16.7 50.1	18.4 18.3 56.0	ug/L ug/L ug/L	110 110
09/19/94 09/22/94 09/22/94 09/22/94	G94-06-MW-03 G94-01-MW-05 G94-06-MW-02 G94-06-MW-02	MSMSDB40919082801 MSMSDB40922123601 MSMSDB40922123601 MSMSDB40922123601	NA NA NA	16.7 16.7 50.1 50.1	18.4 18.3 56.0 47.9	ug/L ug/L ug/L ug/L	110 110 112 96.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 107 Above acceptance : 0
Standard Deviation : 5.11 Acceptance Criteria 83-121

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,2-Dichloroethane-d4

Type of Spike : Surrogate - Method Blank

09/19/94	BLK944042	MSMSDB40919082801	NA	16.7	17.6	ug/L	106
09/22/94	BLK944050	MSMSDB40922123601	NA	16.7	18.7	ug/L	112
09/29/94	BLK944060	MSMSDB40929151301	NA	16.7	18.2	ug/L	109
09/30/94	BLK944065	MSMSDB40930181401	NA	16.7	17.6	ug/L	106

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 108 Above acceptance : 0
Standard Deviation : 2.87 Acceptance Criteria 83-121

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,2-Dichloroethane-d4

Type of Spike : Surrogate - Normal Sample

09/19/94	G94-02-GW-01	MSMSDB40919082801	NA	16.7	18.1	ug/L	108
09/19/94	G94-02-GW-03	MSMSDB40919082801	NA	16.7	18.6	ug/L	111
09/19/94	G94-02-GW-04	MSMSDB40919082801	NA	16.7	18.4	ua/L	110

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER

Spiked Analyte : 1,2-Dichloroethane-d4

Type of Spike : Surrogate - Normal Sample, cont.

09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	17.8	ug/L	107
09/19/94	G94-09-MW-03	MSMSDB40919082801	NA	16.7	18.1	ug/L	109
09/19/94	G94-09-MW-04	MSMSDB40919082801	NA	16.7	18.5	ug/L	111
09/19/94	G94-09-MW-05	MSMSDB40919082801	NA	16.7	18.5	ug/L	111
09/19/94	G94-09-MW-06	MSMSDB40919082801	NA	16.7	18.6	ug/L	111
09/19/94	G94-09-MW-15	MSMSDB40919082801	NA	16.7	18.4	ug/L	110
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	18.2	ug/L	109
09/22/94	G94-05-MW-06	MSMSDB40922123601	NA	16.7	19.1	ug/L	114
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	16.7	18.2	ug/L	109
09/22/94	G94-06-MW-05	MSMSDB40922123601	NA	16.7	18.0	ug/L	108
09/22/94	G94-06-MW-06	MSMSDB40922123601	NA	16.7	17.9	ug/L	107
09/22/94	G94-09-MW-01	MSMSDB40922123601	NA	16.7	18.8	ug/L	113
09/22/94	G94-09-MW-02	MSMSDB40922123601	NA	16.7	19.4	ug/L	116
09/22/94	G94-10-MW-03	MSMSDB40922123601	NA	16.7	18.0	ug/L	108
09/23/94	G94-01-MW-01	MSMSDB40922123601	NA	16.7	18.5	ug/L	111
09/23/94	G94-01-MW-02	MSMSDB40922123601	NA	16.7	18.4	ug/L	110
09/23/94	G94-01-MW-06	MSMSDB40922123601	NA	16.7	18.9	ug/L	113
09/23/94	G94-01-MW-07	MSMSDB40922123601	NA	16.7	18.9	ug/L	7
09/23/94	G94-01-MW-08	MSMSDB40922123601	NA	16.7	18.6	ug/L	A.S.
09/23/94	G94-05-MW-13	MSMSDB40922123601	. NA	16.7	19.0	ug/L	114
09/23/94	G94-06-MW-07	MSMSDB40922123601	NA	16.7	18.9	ug/L	113
09/23/94	G94-10-MW-01	MSMSDB40922123601	NA	16.7	19.0	ug/L	114
09/29/94	G94-05-MW-03	MSMSDB40929151301	NA	16.7	18.3	ug/L	110
09/29/94	G94-05-MW-05	MSMSDB40929151301	NA	250	272	ug/L	108
09/29/94	G94-06-MW-01	MSMSDB40929151301	NA	16.7	18.6	ug/L	111
09/29/94	G94-06-MW-04	MSMSDB40929151301	NA	16.7	18.6	ug/L	112
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	17.6	ug/L	105
09/30/94	G94~05-MW-02	MSMSDB40929151301	NA	16.7	17.6	ug/L	105
09/30/94	G94-05-MW-04	MSMSDB40929151301	NA	4180	4450	ug/L	107
09/30/94	G94-05-MW-07	MSMSDB40929151301	NA	250	273	ug/L	109
09/30/94	G94-05-MW-11	MSMSDB40929151301	NA	16.7	17.9	ug/L	107
09/30/94	G94-05-MW-14	MSMSDB40929151301	NA	16.7	17.6	ug/L	106
09/30/94	G94-05-MW-15	MSMSDB40929151301	NA	16.7	17.6	ug/L	105
09/30/94	G94-09-MW-08	MSMSDB40929151301	NA	5010	5430 (Z)	ug/L	108
09/30/94	G94-09-MW-12	MSMSDB40929151301	NA	1670	1790 (Z)	ug/L	107
09/30/94	G94-13-MW-38	MSMSDB40929151301	NA	16.7	18.3	ug/L	109

Number of Samples Mean % Recovery

: 39 : 110

Below acceptance : Above acceptance :

Standard Deviation

: 2.78

Acceptance Criteria 83-121

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Nathad - (1)0260	Voletile One		Campau	n de					
Method : SW8260 iked Analyte : 1,2-Di			Compou	nus					
ype of Spike : Surrog									
09/19/94	G94-TB-01			MSMSDB40919082801	NA	16.7	17.7	ug/L	1
09/22/94	G94-TB-02			MSMSDB40922123601	NA	16.7	18.5	ug/L	1
09/22/94	G94-TB-03			MSMSDB40922123601	NA	16.7	19.2	ug/L	1
09/23/94	G94-TB-04			MSMSDB40922123601	NA	16.7	18.3	ug/L	1
09/29/94	G94-TB-05			MSMSDB40929151301	NA	16.7	18.2	ug/L	10
09/29/94	G94-TB-07			MSMSDB40929151301	NA	16.7	19.0	ug/L	1:
Number of S	amples	:	6		Below accept	ance :	0		
Mean % Reco	very	:	111		Above accept	ance :	0		
Standard De	viation	:	3.31		Acceptance C	riteria 8	3-121		
Method : SW8260 ked Analyte : 1,4-Br			Compou	nds					
ked Analyte : 1,4-Bro pe of Spike : Surrog	omofluorobenzen ate - Ambient B	е	Compou					4	
iked Analyte : 1,4-Br	omofluorobenzen	е	Compou	nds MSMSDB40919082801	NA 	16.7	14.8	ug/L	88. 
iked Analyte : 1,4-Bro ype of Spike : Surrog	omofluorobenzen ate - Ambient B G94-AB-01	е	Compoun		NA  Below accept		14.8 0	ug/L	88.
iked Analyte : 1,4-Bro ype of Spike : Surrog 09/19/94	omofluorobenzen ate - Ambient B G94-AB-01 amples	е	1			ance :		ug/L	88
iked Analyte : 1,4-Bro ype of Spike : Surrogo 09/19/94 Number of S	omofluorobenzen ate - Ambient B G94-AB-01 amples very	e lank  :	1		Below accept	ance :	0	ug/L	88
ked Analyte : 1,4-Bro ope of Spike : Surrogo 09/19/94 Number of So Mean % Reco	omofluorobenzen ate - Ambient B G94-AB-01 amples very	e lank  :	1 88.0		Below accept Above accept	ance :	0 0	ug/L	88
iked Analyte : 1,4-Bro ype of Spike : Surrogo 09/19/94 Number of So Mean % Reco	omofluorobenzendate - Ambient Bi  G94-AB-01amples very viation	e lank : :	1 88.0 NC	MSMSDB40919082801	Below accept Above accept	ance :	0 0	ug/L	88
iked Analyte : 1,4-Bro ype of Spike : Surrogo 09/19/94 	omofluorobenzen ate - Ambient B  G94-AB-01 amples very viation  - Volatile Orga	e lank : :	1 88.0 NC	MSMSDB40919082801	Below accept Above accept	ance :	0 0	ug/L	88
iked Analyte : 1,4-Brogorype of Spike : Surrogorype of Spike : Surrogorype of School : Sumber of School : Standard Device of Standard Device of Standard Device of School : Sw8260 iked Analyte : 1,4-Brogorype of Spiked  omofluorobenzen ate - Ambient B  G94-AB-01 amples very viation  - Volatile Orga omofluorobenzena	e lank : : :	1 88.0 NC	MSMSDB40919082801	Below accept Above accept	ance :	0 0	ug/L	88	
iked Analyte : 1,4-Brogorype of Spike : Surrogorype of Spike : Surrogorype of School : Sumber of School : Standard Device of Standard Device of Standard Device of School : Sw8260 iked Analyte : 1,4-Brogorype of Spiked  omofluorobenzen ate - Ambient B  G94-AB-01 amples very viation  - Volatile Orga omofluorobenzena	e lank : : :	1 88.0 NC	MSMSDB40919082801	Below accept Above accept	ance :	0 0	ug/L		
iked Analyte : 1,4-Br ype of Spike : Surrog 09/19/94 Number of Sc Mean % Reco Standard De Method : SW8260 iked Analyte : 1,4-Br ype of Spike : Surrog	omofluorobenzendate - Ambient B  G94-AB-01	e lank  : : : : licat	1 88.0 NC Compour	MSMSDB40919082801	Below accept Above accept Acceptance C	ance : ance : riteria 8	0 0 4-116		94.
Number of Solve : 1,4-Brown of Spike : Surroge of Spike : Surroge Number of Solve Mean % Recorn Standard Definition of Spike : Surroge of Spike : Surroge 09/19/94	omofluorobenzendate - Ambient B  G94-AB-01	e lank  : : : : licat  D3-FE  D5-FE	1 88.0 NC Compour	MSMSDB40919082801	Below accept Above accept Acceptance C	ance : ance : riteria 8	0 0 4-116	ug/L	94. 95.
iked Analyte : 1,4-Br ype of Spike : Surrog 09/19/94 Number of Sa Mean % Reco Standard De Method : SW8260 iked Analyte : 1,4-Br ype of Spike : Surroga 09/19/94 09/19/94	omofluorobenzendate - Ambient B  G94-AB-01	e lank lank lank lank lank lank lank lank	1 88.0 NC Compour	MSMSDB40919082801  mds  MSMSDB40919082801  MSMSDB40919082801	Below accept Above accept Acceptance C	16.7 16.7	0 0 4-116 15.7 15.9	ug/L ug/L	94. 95. 97.
iked Analyte : 1.4-Brype of Spike : Surrogover 19/94  Number of Some 1 Mean % Recover 1 Standard Deviation    Method : SW8260 iked Analyte : 1.4-Brype of Spike : Surrogover 19/94  09/19/94  09/19/94  09/23/94	omofluorobenzendate - Ambient Bi  G94-AB-01	e lank lank lank lank lank lank lank lank	1 88.0 NC Compour	MSMSDB40919082801  mds  MSMSDB40919082801  MSMSDB40919082801  MSMSDB40922123601	Below accept Above accept Acceptance C	16.7 16.7 16.7	0 0 4-116 15.7 15.9 16.1	ug/L ug/L ug/L	94. 95. 97. 96.
O9/19/94  Method: SW8260 Standard Dev  Method: SW8260 Standard Standard Dev  Method: SW8260 Siked Analyte: 1,4-Bro Sippe of Spike: Surrogar  O9/19/94  O9/19/94  O9/23/94  O9/29/94	omofluorobenzendate - Ambient Bingles  G94-AB-01	e lank lank lank lank lank lank lank lank	1 88.0 NC	MSMSDB40919082801  MSMSDB40919082801  MSMSDB40919082801  MSMSDB40922123601  MSMSDB40929151301	Below accept Above accept Acceptance C  NA NA NA NA NA	16.7 16.7 16.7 16.7 16.7	0 0 4-116 15.7 15.9 16.1 16.1	ug/L ug/L ug/L ug/L	94 95 97 96

Mean % Recovery

Standard Deviation

: 94.6

: 2.30

Above acceptance :

Acceptance Criteria 84-116

DO = Diluted Out

0

ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOV	DATE		1700	ORIG.	AMOUNT	AMOUNT	RESULT	%
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER

Spiked Analyte : 1,4-Bromofluorobenzene

Type of Spike : Surrogate - Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	16.7	16.4	ug/L	98.0
09/19/94	LCSD946319	MSMSDB40919082801	NA	16.7	16.2	ug/L	97.0
09/22/94	LCS946339	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/22/94	LCSD946340	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/29/94	LCS946478	MSMSDB40929151301	NA	16.7	16.1	ug/L	97.0
09/29/94	LCSD946479	MSMSDB40929151301	NA	16.7	16.3	ug/L	98.0
09/30/94	LCS946487	MSMSDB40930181401	NA	16.7	16.0	ug/L	96.0
10/01/94	LCSD946488	MSMSDB40930181401	NA	16.7	16.0	ug/L	96.0
09/29/94 09/29/94 09/30/94	LCS946478 LCSD946479 LCS946487	MSMSDB40929151301 MSMSDB40929151301 MSMSDB40930181401	NA NA NA	16.7 16.7 16.7	16.1 16.3 16.0	ug/L ug/L	

Number of Samples Mean % Recovery

Standard Deviation

: 8 : 97.0 : 0.926 Below acceptance :

Above acceptance :

Acceptance Criteria 84-116

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Matrix Spike

09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	15.9	ug/L	95.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	15.6	ug/L	93.0
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	45.6	ug/L	91.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	46.6	ug/L	93.0
09/23/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	15.9	ug/L	95.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.0	ug/L	96.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	15.8	ug/L	94.0
						_	

Number of Samples : 8 Mean % Recovery : 94.1 Standard Deviation : 1.73

Below acceptance : Above acceptance :

Acceptance Criteria 84-116

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Method Blank 0

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte: 1,4-Bromofluorobenzene

Type of Spike : Surrogate - Method Blank, cont.

09/19/94	BLK944042	MSMSDB40919082801	NA	16.7	16.0	ug/L	96.0
09/22/94	BLK944050	MSMSDB40922123601	NA	16.7	15.7	ug/L	94.0
09/29/94	BLK944060	MSMSDB40929151301	NA	16.7	14.7	ug/L	88.0
09/30/94	BLK944065	MSMSDB40930181401	NA	16.7	15.7	ug/L	94.0

Number of Samples : 4
Mean % Recovery : 93.0
Standard Deviation : 3.46

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 84-116

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : 1,4-Bromofluorobenzene
Type of Spike : Surrogate - Normal Sample

09/19/94	G94-02-GW-01	MSMSDB40919082801	NA	16.7	15.7	ug/L	94.0
09/19/94	G94-02-GW-03	MSMSDB40919082801	NA	16.7	15.5	ug/L	93.0
09/19/94	G94-02-GW-04	MSMSDB40919082801	NA	16.7	15.7	ug/L	94.0
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	15.5	ug/L	93.0
09/19/94	G94-09-MW-03	MSMSDB40919082801 ·	NA	16.7	15.8	ug/L	95.0
09/19/94	G94-09-MW-04	MSMSDB40919082801	NA	16.7	16.0	ug/L	96.0
09/19/94	G94-09-MW-05	MSMSDB40919082801	NA	16.7	16.2	ug/L	97.0
09/19/94	G94-09-MW-06	MSMSDB40919082801	NA	16.7	16.1	ug/L	97.0
09/19/94	G94-09-MW-15	MSMSDB40919082801	NA	16.7	15.6	ug/L	93.0
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	15.7	ug/L	94.0
09/22/94	G94-05-MW-06	MSMSDB40922123601	NA	16.7	15.6	ug/L	94.0
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	16.7	14.7	ug/L	88.0
09/22/94	G94-06-MW-05	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/22/94	G94-06-MW-06	MSMSDB40922123601	NA	16.7	16.2	ug/L	97.0
09/22/94	G94-09-MW-01	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/22/94	G94-09-MW-02	MSMSDB40922123601	NA	16.7	15.6	ug/L	93.0
09/22/94	G94-10-MW-03	MSMSDB40922123601	NΑ	16.7	16.8	ug/L	100
09/23/94	G94-01-MW-01	MSMSDB40922123601	NA	16.7	16.1	ug/L	96.0
09/23/94	G94-01-MW-02	MSMSDB40922123601	NA	16.7	15.8	ug/L	95.0
09/23/94	G94-01-MW-06	MSMSDB40922123601	NA	16.7	15.8	ug/L	95.0
09/23/94	G94-01-MW-07	MSMSDB40922123601	NA	16.7	15.2	ug/L	91.0
09/23/94	G94-01-MW-08	MSMSDB40922123601	NA	16.7	15.5	ug/L	93.0
09/23/94	G94-05-MW-13	MSMSDB40922123601	NA	16.7	15.8	ug/L	94.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW826	) - Volatile Organic Co	mpounds					
Spiked Analyte : 1,4-B	romofluorobenzene						
Type of Spike : Surro	gate - Normal Sample, c	ont.					
( (- )							
09/23/94	G94-06-MW-07	MSMSDB40922123601	NA	16.7	15.5	ug/L	93.0
09/23/94	G94-10-MW-01	MSMSDB40922123601	NA	16.7	15.6	ug/L	93.0
09/29/94	G94-05-MW-03	MSMSDB40929151301	NA	16.7	16.7	ug/L	100
09/29/94	G94-05-MW-05	MSMSDB40929151301	NA	250	250	ug/L	100
09/29/94	G94-06-MW-01	MSMSDB40929151301	NA	16.7 .	14.9	ug/L	89.0
09/29/94	G94-06-MW-04	MSMSDB40929151301	NA	16.7	17.3	ug/L	104
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	15.7	ug/L	94.0
09/30/94	G94-05-MW-02	MSMSDB40929151301	NA	16.7	15.3	ug/L	92.0
09/30/94	G94-05-MW-04	MSMSDB40929151301	NA	4180	3860	ug/L	92.0
09/30/94	G94-05-MW-07	MSMSDB40929151301	NA	250	245	ug/L	98.0
09/30/94	G94-05-MW-11	MSMSDB40929151301	NA	16.7	16.5	ug/L	99.0

MSMSDB40929151301

MSMSDB40929151301

MSMSDB40929151301

MSMSDB40929151301

MSMSDB40929151301

NA

NA

NA

NA

Number of Samples Below acceptance :

: 95.1 Mean % Recovery Above acceptance : 0 Standard Deviation : 3.26 Acceptance Criteria 84-116

Method : SW8260 - Volatile Organic Compounds

G94-05-MW-14

G94-05-MW-15

G94-09-MW-08

G94-09-MW-12

G94-13-MW-38

Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Trip Blank

09/30/94

09/30/94

09/30/94

09/30/94

09/30/94

15.8	ug/L	95.0
15.6	ug/L	94.0
15.7	ug/L	94.0
15.8	ug/L	95.0
14.8	ug/L	88.0
14.8	ug/L	89.0
	15.6 15.7 15.8 14.8	15.6 ug/L 15.7 ug/L 15.8 ug/L 14.8 ug/L

Number of Samples : 6 Below acceptance : : 92.5 Above acceptance : Mean % Recovery 0 Standard Deviation : 3.15 Acceptance Criteria 84-116

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

15.9

15.4

15.5

4980 (Z)

1640 (Z)

16.7

16.7

5010

1670

16.7

ug/L

ug/L

ug/L

ug/L

ug/L

95.0

92.0

99.0

98.0

93.0

_								
A	NALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Ambient Blank

09/19/94	G94-AB-01		MSMSDB40919082801	NA	16.7	16.2	ug/L	97.0
Number of Sample	es :	1		Below accep	tance :	0		

Number of Samples: 1Below acceptance : 0Mean % Recovery: 97.0Above acceptance : 0Standard Deviation: NCAcceptance Criteria81-115

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Field Duplicate

09/19/94	G94-06-MW-03-FD	MSMSDB40919082801	NA	16.7	16.9	ug/L	101
09/19/94	G94-09-MW-05-FD	MSMSDB40919082801	NA	16.7	16.8	ug/L	101
09/23/94	G94-01-MW-01-FD	MSMSDB40922123601	NA	16.7	16.7	ug/L	100
09/29/94	G94-05-MW-02-FD	MSMSDB40929151301	NA	16.7	16.8	ug/L	100
09/30/94	G94-13-MW-37-FD	MSMSDB40929151301	NA	16.7	16.6	ug/L	100
	09/19/94 09/23/94 09/29/94	09/19/94 G94-09-MW-05-FD 09/23/94 G94-01-MW-01-FD 09/29/94 G94-05-MW-02-FD	09/19/94 G94-09-MW-05-FD MSMSDB40919082801 09/23/94 G94-01-MW-01-FD MSMSDB40922123601 09/29/94 G94-05-MW-02-FD MSMSDB40929151301	09/19/94	09/19/94 G94-09-MW-05-FD MSMSDB40919082801 NA 16.7 09/23/94 G94-01-MW-01-FD MSMSDB40922123601 NA 16.7 09/29/94 G94-05-MW-02-FD MSMSDB40929151301 NA 16.7	09/19/94	09/19/94

Number of Samples : 5 Below acceptance : 0
Mean % Recovery : 100 Above acceptance : 0
Standard Deviation : 0.548 Acceptance Criteria 81-115

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Laboratory Control

09/19/94	LCS946318	MSMSDB40919082801	NA	16.7	16.9	ug/L	101
09/19/94	LCSD946319	MSMSDB40919082801	NA	16.7	16.7	ug/L	100
09/22/94	LCS946339	MSMSDB40922123601	NA	16.7	16.9	ug/L	101
09/22/94	LCSD946340	MSMSDB40922123601	NA	16.7	16.8	ug/L	100
09/29/94	LCS946478	MSMSDB40929151301	NA	16.7	17.2	ug/L	103
09/29/94	LCSD946479	MSMSDB40929151301	NA	16.7	17.3	ug/L	104
09/30/94	LCS946487	MSMSDB40930181401	NA	16.7	16.8	ug/L	101
10/01/94	LCSD946488	MSMSDB40930181401	NA	16.7	17.1	ug/L	102

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 102 Above acceptance : 0
Standard Deviation : 1.41 Acceptance Criteria 81-115

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8260	- Volatile Organic Co	mpounds					
piked Analyte : Toluen		,					
Type of Spike : Surrog	ate - Matrix Spike						
09/19/94	G94-06- <b>MW</b> -03	MSMSDB40919082801	NA	16.7	16.9	ug/L	10
09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	16.7	ug/L	10
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.6	ug/L	99.
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	50.2	ug/L	10
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	50.1	50.2	ug/L	10
09/23/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.7	ug/L	100
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.5	ug/L	99.0
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.6	ug/L	99.0

Number of Samples : 8
Mean % Recovery : 99.8
Standard Deviation : 0.707 Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 81-115

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Method Blank

09/19/94 09/22/94	BLK944042 BLK944050	MSMSDB40919082801 MSMSDB40922123601	NA NA	16.7 16.7	16.8 16.9	ug/L	100 101
09/29/94	BLK944060	MSMSDB40929151301	NA	16.7	16.8	ug/L ug/L	101
09/30/94	BLK944,065	MSMSDB40930181401	NA	16.7	16.9	ug/L	101

Number of Samples : 4
Mean % Recovery : 101
Standard Deviation : 0.500 Below acceptance : 0
Above acceptance : 0 Acceptance Criteria 81-115

Method : SW8260 - Volatile Organic Compounds

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Normal Sample

09/19/94	G94-02-GW-01	MSMSDB40919082801	NA	16.7	17.0	ug/L	102
09/19/94	G94-02-GW-03	MSMSDB40919082801	NA	16.7	17.1	ug/L	103
09/19/94	G94-02-GW-04	MSMSDB40919082801	NA	16.7	16.8	ug/L	101

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Normal Sample, cont.

09/19/94	G94-06-MW-03	MSMSDB40919082801	NA	16.7	16.6	ug/L	99.0
09/19/94	G94-09-MW-03	MSMSDB40919082801	NA	16.7	16.8	ug/L	101
09/19/94	G94-09-MW-04	MSMSDB40919082801	NA	16.7	16.7	ug/L	100
09/19/94	G94-09-MW-05	MSMSDB40919082801	NA	16.7	17.0	ug/L	102
09/19/94	G94-09-MW-06	MSMSDB40919082801	NA	16.7	17.1	ug/L	102
09/19/94	G94-09-MW-15	MSMSDB40919082801	NA	16.7	16.9	ug/L	101
09/22/94	G94-01-MW-05	MSMSDB40922123601	NA	16.7	16.6	ug/L	99.0
09/22/94	694-05-MW-06	MSMSDB40922123601	NA	16.7	16.8	ug/L	101
09/22/94	G94-06-MW-02	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/22/94	G94-06-MW-05	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/22/94	G94-06-MW-06	MSMSDB40922123601	NA	16.7	17.0	ug/L	101
09/22/94	G94-09-MW-01	MSMSDB40922123601	NA	16.7	17.0	ug/L	101
09/22/94	G94-09-MW-02	MSMSDB40922123601	NA	16.7	16.6	ug/L	100
09/22/94	694-10-MW-03	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/23/94	G94-01-MW-01	MSMSDB40922123601	NA	16.7	16.6	ug/L	99.0
09/23/94	G94-01-MW-02	MSMSDB40922123601	NA	16.7	16.5	ug/L	99.0
09/23/94	G94-01-MW-06	MSMSDB40922123601	, NA	16.7	16.6	ug/L	99.0
09/23/94	G94-01-MW-07	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/23/94	G94-01-MW-08	MSMSDB40922123601	NA	16.7	16.4	ug/L	98.0
09/23/94	694-05-MW-13	MSMSDB40922123601	NA	16.7	16.7	ug/L	100
09/23/94	G94-06-MW-07	MSMSDB40922123601	NA	16.7	16.9	ug/L	101
09/23/94	G94-10-MW-01	MSMSDB40922123601	NA	16.7	16.5	ug/Ļ	99.0
09/29/94	G94-05-MW-03	MSMSDB40929151301	NA	16.7	17.2	ug/L	103
09/29/94	G94-05-MW-05	MSMSDB40929151301	NA	250	254	ug/L	101
09/29/94	G94-06-MW-01	MSMSDB40929151301	NA	16.7	17.4	ug/L	104
09/29/94	G94-06-MW-04	MSMSDB40929151301	NA	16.7	17.4	ug/L	104
09/29/94	G94-13-MW-37	MSMSDB40929151301	NA	16.7	16.6	ug/L	99.0
09/30/94	G94-05-MW-02	MSMSDB40929151301	NA	16.7	16.6	ug/L	99.0
09/30/94	G94-05-MW-04	MSMSDB40929151301	NA	4180	4240	ug/L	102
09/30/94	G94-05-MW-07	MSMSDB40929151301	NA	250	257	ug/L	103
09/30/94	G94-05-MW-11	MSMSDB40929151301	NA	16.7	17.0	ug/L	102
09/30/94	G94-05-MW-14	MSMSDB40929151301	NA	16.7	16.7	ug/L	100
09/30/94	G94-05-MW-15	MSMSDB40929151301	NA	16.7	16.8	ug/L	101
09/30/94	G94-09-MW-08	MSMSDB40929151301	NA	5010	4950 (Z)	ug/L	99.0
09/30/94	G94-09-MW-12	MSMSDB40929151301	NA	1670	1660 (Z)	ug/L	100
09/30/94	G94-13-MW-38	MSMSDB40929151301	NA	16.7	16.8	ug/L	100
	•						

: 39 : 100 Number of Samples Mean % Recovery

Standard Deviation

0 Below acceptance : Above acceptance : 0 Acceptance Criteria 81-115

: 1.67

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8260	) - Volatile Organic C	Compounds					
iked Analyte : Toluer	ne-d8						
/pe of Spike : Surrog	gate - Trip Blank						
pe of Spike : Surrog	gate - Trip Blank G94-TB-01	MSMSDB40919082801	NA	16.7	16.6	ug/L	99
	·	MSMSDB40919082801 MSMSDB40922123601	NA NA	16.7 16.7	16.6 16.5	ug/L ug/L	
09/19/94	G94-TB-01					• .	99
09/19/94 09/22/94	G94-TB-01 G94-TB-02	MSMSDB40922123601	NA	16.7	16.5	ug/L	99 99 10
09/19/94 09/22/94 09/22/94	G94-TB-01 G94-TB-02 G94-TB-03	MSMSDB40922123601 MSMSDB40922123601	NA NA	16.7 16.7	16.5 16.8	ug/L ug/L	99 1

Mean % Recovery : 100 Standard Deviation : 1.97 Below acceptance : Above acceptance :

Acceptance Criteria 81-115

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 1,2,4-Trichlorobenzene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	104	ug/L	16-
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	97.3	ug/L	97.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.0	ug/L	93.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.2	ug/L	91.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.2	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.6	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	93.9	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	102	ug/L	102
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.0	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.0	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.7	ug/L	99.0

Number of Samples : 16 Mean % Recovery : 99.4 Standard Deviation : NC

Below acceptance : Above acceptance : 0

Acceptance Criteria 44-142

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
	) - Semivolatile Organio	cs					
piked Analyte : 1,2,4-	Trichlorobenzene						
Type of Spike : Matrix	: Spike						
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	85.5	ug/L	89.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	90.8	ug/L	93.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	88.1	ug/L	90.0
	G94-13-MW-37	MSMSD140927080202	ND	102	87.1	ug/L	85.0
09/27/94							00.7
09/27/94 09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	90.3	ug/L ·	88.0
, ,	G94-13-MW-37 G94-13-MW-37	MSMSD140928081901 MSMSD140928081901	ND ND	102 98.0	90.3 . 90.2	ug/L ug/L	88.0 92.0
09/28/94						_	

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 91.6 Above acceptance : 0
Standard Deviation : 4.66 Acceptance Criteria 44-142

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 1,2-Dichlorobenzene Type of Spike : Laboratory Control

LCS946174	MSMSD140921080601	NA	100	100	ug/L	100
LCSD946174	MSMSD140921080601	NA	100	99.8	ug/L	100
LCS946427	MSMSD140926083300	NA	100	102	ug/L	102
LCSD946427	MSMSD140926083300	NA	100	94.5	ug/L	95.0
LCS946511	MSMSD140927080202	NA	100	97.6	ug/L	98.0
LCSD946511	MSMSD140927080202	NA	100	95.2	ug/L	95.0
LCS946511	MSMSD140928081901	NA	100	97.1	ug/L	97.0
LCSD946511	MSMSD140928081901	NA	100	92.4	ug/L	92.0
LCS946355	MSMSD240921075701	NA	100	94.0	ug/L	94.0
LCSD946355	MSMSD240921075701	NA	100	96.3	ug/L	96.0
LCS946381	MSMSD240922082701	NA	100	92.2	ug/L	92.0
LCSD946381	MSMSD240922082701	NA	100	91.0	ug/L	91.0
LCS946438	MSMSD240927080202	NA	100	100	ug/L	100
LCS946458	MSMSD240927080201	NA	100	90.5	ug/L	90.0
LCSD946438	MSMSD240927080202	NA	100	106	ug/L	106
LCSD946458	MSMSD240927080201	NA	100	91.7	ug/L	92.0
	LCSD946174 LCS946427 LCSD946427 LCSD946511 LCSD946511 LCSD946511 LCSD946355 LCSD946355 LCSD946381 LCSD946381 LCSD946438 LCSD946438	LCSD946174 MSMSD140921080601 LCS946427 MSMSD140926083300 LCSD946427 MSMSD140926083300 LCS946511 MSMSD140927080202 LCS946511 MSMSD140927080202 LCS946511 MSMSD140928081901 LCSD946511 MSMSD140928081901 LCSD946355 MSMSD240921075701 LCSD946355 MSMSD240921075701 LCS946381 MSMSD240922082701 LCS946381 MSMSD240922082701 LCS946438 MSMSD240927080202 LCS946458 MSMSD240927080202	LCSD946174 MSMSD140921080601 NA LCS946427 MSMSD140926083300 NA LCSD946427 MSMSD140926083300 NA LCS946511 MSMSD140927080202 NA LCS946511 MSMSD140927080202 NA LCS946511 MSMSD140928081901 NA LCSD946511 MSMSD140928081901 NA LCSD946355 MSMSD240921075701 NA LCSD946355 MSMSD240921075701 NA LCS946381 MSMSD240922082701 NA LCSD946381 MSMSD240922082701 NA LCS946438 MSMSD240927080202 NA LCS946458 MSMSD240927080201 NA LCS946458 MSMSD240927080201 NA	LCSD946174 MSMSD140921080601 NA 100 LCS946427 MSMSD140926083300 NA 100 LCSD946427 MSMSD140926083300 NA 100 LCS946511 MSMSD140927080202 NA 100 LCSD946511 MSMSD140927080202 NA 100 LCS946511 MSMSD140928081901 NA 100 LCSD946511 MSMSD140928081901 NA 100 LCSD946355 MSMSD240921075701 NA 100 LCSD946355 MSMSD240921075701 NA 100 LCS946381 MSMSD240921075701 NA 100 LCS946381 MSMSD240927080202 NA 100 LCS946438 MSMSD240927080202 NA 100 LCS946438 MSMSD240927080202 NA 100 LCS946458 MSMSD240927080202 NA 100 LCSD946458 MSMSD240927080202 NA 100	LCSD946174 MSMSD140921080601 NA 100 99.8 LCS946427 MSMSD140926083300 NA 100 102 LCSD946427 MSMSD140926083300 NA 100 94.5 LCS946511 MSMSD140927080202 NA 100 97.6 LCSD946511 MSMSD140927080202 NA 100 95.2 LCS946511 MSMSD140928081901 NA 100 97.1 LCSD946511 MSMSD140928081901 NA 100 97.1 LCSD946555 MSMSD240928081901 NA 100 92.4 LCS946355 MSMSD240921075701 NA 100 94.0 LCSD946355 MSMSD240921075701 NA 100 96.3 LCS946381 MSMSD240922082701 NA 100 92.2 LCSD946381 MSMSD240922082701 NA 100 91.0 LCS946438 MSMSD240927080202 NA 100 100 LCS946438 MSMSD240927080201 NA 100 90.5 LCSD946438 MSMSD240927080201 NA 100 90.5	LCSD946174 MSMSD140921080601 NA 100 99.8 ug/L LCS946427 MSMSD140926083300 NA 100 102 ug/L LCSD946427 MSMSD140926083300 NA 100 94.5 ug/L LCS946511 MSMSD140927080202 NA 100 97.6 ug/L LCSD946511 MSMSD140927080202 NA 100 95.2 ug/L LCS946511 MSMSD140928081901 NA 100 97.1 ug/L LCS946511 MSMSD140928081901 NA 100 97.1 ug/L LCS946555 MSMSD140928081901 NA 100 92.4 ug/L LCS946355 MSMSD240921075701 NA 100 94.0 ug/L LCS946381 MSMSD240922082701 NA 100 96.3 ug/L LCS946381 MSMSD240922082701 NA 100 92.2 ug/L LCS946381 MSMSD240922082701 NA 100 91.0 ug/L LCS946438 MSMSD240927080202 NA 100 100 ug/L LCS946438 MSMSD240927080202 NA 100 90.5 ug/L LCS946458 MSMSD240927080202 NA 100 106 ug/L LCSD946438 MSMSD240927080202 NA 100 106 ug/L

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 96.3 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 32-129

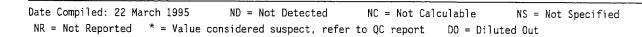
DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVEDY
Method · SW827/	) - Semivolatile Organ	ice					
Spiked Analyte : 1,3-Di	•	103					
Type of Spike : Labora							
. J p =							
09/21/94	LCS946174	MSMSD140921080601	NA	100	99.4	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.6	ug/L	100
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.6	ug/L	100
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.7	ug/L	91.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	94.9	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	91.2	ug/L	91.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.5	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	89.9	ug/L	90.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.5	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	95.2	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	91.8	ug/L	92.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	90.3	ug/L	90.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.8	ug/L	100
09/27/94	LCS946458	MSMSD240927080201	NA	100	90.6	ug/L	91.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.9	ug/L	91.0

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 95.0 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria D-172

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 1,4-Dichlorobenzene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	99.6	ug/Ľ	100
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.2	ug/L	98.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	95.1	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.4	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.4	ug/L	93.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.2	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	91.5	ug/L	91.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	87.0	ug/L	87.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	88.8	ug/L	89.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	90.6	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	87.8	ug/L	88.0



DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOVERY
Method : SW8270	- Semivolatile	0rg:	anics						
piked Analyte : 1,4-Di	chlorobenzene								
Type of Spike : Labora	tory Control, co	nt.							
09/22/94	LCSD946381			MSMSD240922082701	NA	100	86.4	ug/L	86.0
09/27/94	LCS946438			MSMSD240927080202	NA	100	94.6	ug/L	95.0
09/27/94	LCS946458			MSMSD240927080201	NA	100	85.5	ug/L	85.0
09/27/94	LCSD946438			MSMSD240927080202	NA	100	99.6	ug/L	100
09/27/94	LCSD946458			MSMSD240927080201	NA	100	86.5	ug/L	86.0
Number of S	amples	<b>-</b> :	16		Below accep	tance :	0		
Mean % Reco	very	:	91.4		Above accep	tance :	0		
Standard De	viation	:	NC		Acceptance (	Criteria	20-124		
Method : SW8270	- Semivolatile	0rga	anics						
piked Analyte : 1,4-Di		J							
Type of Spike : Matrix									
09/21/94	G94-06-MW-0	2		MSMSD140921080601	ND	97.6	77.7	ug/L	80.0

09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	73.5	ug/L	76.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	86.2	ug/L	84.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	83.3	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	84.3	ug/L	86.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	88.3	ug/L	87.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	85.0	ug/L	85.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	82.4	ug/L	84.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 83.4 Above acceptance : 0
Standard Deviation : 3.62 Acceptance Criteria 20-124

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,4,5-Trichlorophenol Type of Spike : Laboratory Control

> 09/21/94 103 LCS946174 MSMSD140921080601 NA 100 ug/L 103 09/21/94 LCSD946174 MSMSD140921080601 NA 100 102 102 ug/L

> > DO = Diluted Out

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

RED UNIT	RECOVE

Spiked Analyte : 2,4,5-Trichlorophenol Type of Spike : Laboratory Control, cont.

09/26/94	LCS946427	MSMSD140926083300	NΑ	100	96.2	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	83.1	ug/L	83.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	89.6	ug/L	90.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.6	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	94.2	ug/L	94.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	93.1	ug/L	93.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	103	ug/L	103
09/21/94	LCSD946355	MSMSD240921075701	NA	100	107	ug/L	107
09/22/94	LCS946381	MSMSD240922082701	NA	100	105	ug/L	105
09/22/94	LCSD946381	MSMSD240922082701	NA	100	105	ug/L	105
09/27/94	LCS946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCS946458	MSMSD240927080201	NA	100	99.1	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	102	ug/L	102
09/27/94	LCSD946458	MSMSD240927080201	NA	100	97.4	ug/L	97.0

Number of Samples

Below acceptance :

0 0

Mean % Recovery Standard Deviation

: 98.7 : NC

Above acceptance : Acceptance Criteria 37-121

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,4,6-Trichlorophenol Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	85.9	ug/L	86.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	81.1	ug/L	81.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	80.2	ug/L	80.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	71.7	ug/L	72.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	76.4	ug/L	76.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	78.3	ug/L	78.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	77.0	ug/L	77.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	80.3	ug/L	80.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	81.5	ug/L	82.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	88.0	ug/L	88.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	87.0	ug/L	87.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	85.9	ug/L	86.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	85.7	ug/L	86.0

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER	!
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%	

Spiked Analyte : 2,4,6-Trichlorophenol Type of Spike : Laboratory Control, cont.

09/27/94	LCS946458	MSMSD240927080201	NA	100	81.0	ug/L	81.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	84.7	ug/L	85.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	79.6	ug/L	80.0

0

Below acceptance : Number of Samples : 81.6 Mean % Recovery Above acceptance : Standard Deviation : NC Acceptance Criteria 37-144

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,4-Dichlorophenol Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	99.1	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA -	100	97.6	ug/L	98.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	89.1	ug/L	89.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.1	ug/L	87.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	85.3	ug/L	85.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	85.7	ug/L	86.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	92.6	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	89.4	ug/L	89.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.3	ug/L	99.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	98.8	ug/L	99.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	98.2	ug/L	98.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	97.4	ug/L	97.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	93.5	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	99.0	ug/L	99.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	92.2	ug/L	92.0

: 16 : 94.3 Number of Samples Below acceptance : Mean % Recovery Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 39-135

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE _{DY}
Method : SW8270	- Semivolatile Organ	ics					
iked Analyte : 2,4-Di	methylphenol						
ype of Spike : Labora	tory Control						
09/21/94	LCS946174	MSMSD140921080601	NA	100	66.2	ug/L	66.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	64.9	ug/L	65.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	72.6	ug/L	73.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	66.1	ug/L	66.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	80.2	ug/L	80.0
00/27/04	LCSD046511	MCMCD1/0027000202	MA	100	00 6	/1	02.0

09/27/94 LCSD946511 MSMSD140927080202 100 ug/L 82.6 83.0 09/28/94 LCS946511 MSMSD140928081901 NA 100 81.3 ug/L 81.0 09/28/94 LCSD946511 MSMSD140928081901 NA 100 79.9 ug/L 80.0 LCS946355 09/21/94 MSMSD240921075701 NA 100 67.1 ug/L 67.0 09/21/94 LCSD946355 MSMSD240921075701 NA 100 70.2 ug/L 70.0 09/22/94 LCS946381 MSMSD240922082701 NA 100 90.4 ug/L 90.0 09/22/94 LCSD946381 MSMSD240922082701 NΑ 100 93.1 ug/L 93.0 09/27/94 LCS946438 MSMSD240927080202 NA 100 91.0 91.0 ug/L 09/27/94 LCS946458 MSMSD240927080201 NA 100 66.2 ug/L 66.0 09/27/94 LCSD946438 MSMSD240927080202 NA 100 95.3 ug/L 95.0 09/27/94 LCSD946458 MSMSD240927080201 100 65.8 ug/L 66.0

Number of Samples : 16 Mean % Recovery : 77.0 Standard Deviation : NC

Below acceptance : Above acceptance : 0 Acceptance Criteria D-112

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2,4-Dinitrophenol Type of Spike : Laboratory Control

Spi Ту

09/21/94	LCS946174	MSMSD140921080601	NA	100	129	ug/L	129
09/21/94	LCSD946174	MSMSD140921080601	NA	100	131	ug/L	131
09/26/94	LCS946427	MSMSD140926083300	NA	100	127	ug/L	127
09/26/94	LCSD946427	MSMSD140926083300	NA	100	112	ug/L	112
09/27/94	LCS946511	MSMSD140927080202	NA	100	123	ug/L	123
09/27/94	LCSD946511	MSMSD140927080202	NA	100	130	ug/L	130
09/28/94	LCS946511	MSMSD140928081901	NA	100	126	ug/L	126
09/28/94	LCSD946511	MSMSD140928081901	NA	100	133	ug/L	133
09/21/94	LCS946355	MSMSD240921075701	NA	100	139	ug/L	139
09/21/94	LCSD946355	MSMSD240921075701	NA	100	147	ug/L	147
09/22/94	LCS946381	MSMSD240922082701	NA	100	139	ug/L	139

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 2,4-Dinitrophenol

Type of Spike : Laboratory Control, cont.

09/22/94	LCSD946381	MSMSD240922082701	NA	100	140	ug/L	140
09/27/94	LCS946438	MSMSD240927080202	NA	100	149	ug/L	149
09/27/94	LCS946458	MSMSD240927080201	NA	100	148	ug/L	148
09/27/94	LCSD946438	MSMSD240927080202	NA	100	142	ug/L	142
09/27/94	LCSD946458	MSMSD240927080201	NA	100	143	ug/L	143

Number of Samples

Below acceptance :

0 9

Mean % Recovery Standard Deviation

: 135 : NC

Above acceptance :

Acceptance Criteria 33-132

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2,4-Dinitrotoluene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	102	ug/L	102
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.7	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.3	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.6	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.8	ug/L	89.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	92.6	ug/L	93.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	91.7	ug/L	92.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.7	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	100	ug/L	100
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	110	ug/L	110
09/22/94	LCSD946381	MSMSD240922082701	NA	100	104	ug/L	104
09/27/94	LCS946438	MSMSD240927080202	NA	100	122	ug/L	122
09/27/94	LCS946458	MSMSD240927080201	NA	100	107	ug/L	107
09/27/94	LCSD946438	MSMSD240927080202	NA	100	121	ug/L	121
09/27/94	LCSD946458	MSMSD240927080201	NA	100	105	ug/L	105

Number of Samples

.: 16

Below acceptance :

0

Mean % Recovery

: 102

Above acceptance :

Standard Deviation

: NC

Acceptance Criteria 39-139

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

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ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 2,4-Dinitrotoluene

Type of Spike : Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	88.8	ug/L	92.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	86.0	ug/L	88.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	87.8	ug/L	86.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	85.7	ug/L	87.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	87.1	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	88.1	ug/L	90.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	91.6	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND -	100	93.0	ug/L	93.0

Number of Samples : 8 Mean % Recovery : 89.4 Standard Deviation : 3.38

Below acceptance : Above acceptance : 0

Acceptance Criteria 39-139

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,6-Dinitrotoluene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	115	ug/L	115
09/21/94	LCSD946174	MSMSD140921080601	NA	100	110	ug/L	110
09/26/94	LCS946427	MSMSD140926083300	NA	100	114	ug/L	114
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	103	ug/L	103
09/27/94	LCSD946511	MSMSD140927080202	NA	100	108	ug/L	108
09/28/94	LCS946511	MSMSD140928081901	NA	100	103	ug/L	103
09/28/94	LCSD946511	MSMSD140928081901	NA	100	108	ug/L	108
09/21/94	LCS946355	MSMSD240921075701	NA	100	105	ug/L	105
09/21/94	LCSD946355	MSMSD240921075701	NA	100	109	ug/L	109
09/22/94	LCS946381	MSMSD240922082701	NA	100	116	ug/L	116
09/22/94	LCSD946381	MSMSD240922082701	NA	100	112	ug/L	112
09/27/94	LCS946438	MSMSD240927080202	NΑ	100	130	ug/L	130
09/27/94	LCS946458	MSMSD240927080201	NA	100	113	ug/L	113
09/27/94	LCSD946438	MSMSD240927080202	NA	100	128	ug/L	128
09/27/94	LCSD946458	MSMSD240927080201	NA	100	113	ug/L	113

Number of Samples : 16 : 112 Mean % Recovery : NC Standard Deviation

Below acceptance : 0 Above acceptance : Acceptance Criteria 50-158

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
				<b></b>			

Spiked Analyte : 2-Chloronaphthalene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	93.1	ug/L	93.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	89.9	ug/L	90.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	93.6	ug/L	94.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	83.5	ug/L	84.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	87.6	ug/L	88.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	90.2	ug/L	90.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.1	ug/L	88.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	90.5	ug/L	91.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	82.4	ug/L	82.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	86.2	ug/L	86.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	86.3	ug/L	86.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	83.9	ug/L	84.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	94.9	ug/L	95.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	83.6	ug/L	84.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	93.8	ug/L	94.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	84.2	ug/L	84.0

Number of Samples : 16 Mean % Recovery : 88.3

Below acceptance : Above acceptance :

0

Standard Deviation

: NC Acceptance Criteria 60-118

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2-Chlorophenol Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	99.3	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.2	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	94.6	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.9	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	92.3	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	87.7	ug/L	88.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	89.9	ug/L	90.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	85.2	ug/L	85.0
09/21/94	LCS946355	MSMSD240921075701	NΑ	100	93.5	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	97.3	ug/L	97.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	89.7	ug/L	90.0

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	*******							
Method : SW8270	- Semivolatile Or	ganics						
ed Analyte : 2-Chlo e of Spike : Labora	•							
09/22/94	LCSD946381		MSMSD240922082701	NA	100	89.1	ug/L	89
09/27/94	LCS946438		MSMSD240927080202	NA	100	91.0	ug/L	91
09/27/94	LCS946458		MSMSD240927080201	NA	100	90.6	ug/L	91
09/27/94	LCSD946438		MSMSD240927080202	NA	100	94.1	ug/L	94
09/27/94	LCSD946458		MSMSD240927080201	NA 	100	90.2	ug/L	90
Number of Sa		: 16		Below accepta		0		
Mean % Reco		: 92.0		Above accepta		0		
Standard De	viation	: NC		Acceptance Co	riteria 2	23-134		
ed Analyte : 2-Chlo	•	ganics						
	rophenol	ganics						
ed Analyte : 2-Chlone of Spike : Matrix 09/21/94	rophenol Spike G94-06-MW-03	ganics	MSMSD140921080601	ND	195	170	ug/L	87
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/21/94	rophenol Spike G94-06-MW-03 G94-06-MW-03	ganics	MSMSD140921080601	ND	193	169	ug/L	٠.
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/21/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37	ganics	MSMSD140921080601 MSMSD140927080202	ND ND	193 204	169 180	ug/L ug/L	88
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/27/94 09/27/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-37 G94-13-MW-37	ganics	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202	ND ND ND	193 204 196	169 180 170	ug/L ug/L ug/L	88 87
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/27/94 09/27/94 09/28/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-37 G94-13-MW-37 G94-13-MW-37	ganics	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND	193 204 196 204	169 180 170 179	ug/L ug/L ug/L ug/L	88 87 88
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/27/94 09/27/94 09/28/94 09/28/94	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37	ganics	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901	ND ND ND ND	193 204 196 204 196	169 180 170 179 165	ug/L ug/L ug/L ug/L ug/L	88 87 88 84
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/27/94 09/27/94 09/28/94	G94-06-MW-03 G94-06-MW-03 G94-06-MW-37 G94-13-MW-37 G94-13-MW-37	ganics	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901	ND ND ND ND	193 204 196 204	169 180 170 179	ug/L ug/L ug/L ug/L	88 87 88 84 85
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/27/94 09/27/94 09/28/94 09/28/94 09/21/94	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-06-MW-02 G94-06-MW-02	ganics	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD240921075701	ND ND ND ND ND	193 204 196 204 196 200 195	169 180 170 179 165 170	ug/L ug/L ug/L ug/L ug/L ug/L	87 87 88 87 88 84 85 87
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/27/94 09/27/94 09/27/94 09/28/94 09/28/94 09/21/94	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-06-MW-02 G94-06-MW-02	ganics : 8 : 86.6	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD240921075701 MSMSD240921075701	ND ND ND ND ND ND	193 204 196 204 196 200 195	169 180 170 179 165 170	ug/L ug/L ug/L ug/L ug/L ug/L	88 87 88 84 85
ed Analyte : 2-Chlore of Spike : Matrix  09/21/94  09/21/94  09/27/94  09/27/94  09/28/94  09/28/94  09/21/94  09/21/94	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-06-MW-02 G94-06-MW-02	. 8	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD240921075701 MSMSD240921075701	ND ND ND ND ND ND ND	193 204 196 204 196 200 195	169 180 170 179 165 170 170	ug/L ug/L ug/L ug/L ug/L ug/L	88 87 88 84 85
ed Analyte : 2-Chlore of Spike : Matrix  09/21/94  09/21/94  09/27/94  09/27/94  09/28/94  09/28/94  09/21/94  09/21/94  Number of Sa	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-06-MW-02 G94-06-MW-02	. 8 : 86.6	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD240921075701 MSMSD240921075701	ND ND ND ND ND ND ND ND AD AD AD AD Below accepta	193 204 196 204 196 200 195	169 180 170 179 165 170 170	ug/L ug/L ug/L ug/L ug/L ug/L	88 87 88 84 85
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/21/94 09/27/94 09/28/94 09/28/94 09/21/94 09/21/94 	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-02 G94-06-MW-02	8 8 86.6 1.41	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD240921075701 MSMSD240921075701	ND ND ND ND ND ND ND ND AD AD AD AD Below accepta	193 204 196 204 196 200 195	169 180 170 179 165 170 170	ug/L ug/L ug/L ug/L ug/L ug/L	88 87 88 84 85
ed Analyte : 2-Chlor e of Spike : Matrix 09/21/94 09/21/94 09/27/94 09/28/94 09/28/94 09/21/94 09/21/94 	G94-06-MW-03 G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-06-MW-02 G94-06-MW-02	8 8 86.6 1.41	MSMSD140921080601 MSMSD140927080202 MSMSD140927080202 MSMSD140928081901 MSMSD140928081901 MSMSD240921075701 MSMSD240921075701	ND ND ND ND ND ND ND ND AD AD AD AD Below accepta	193 204 196 204 196 200 195	169 180 170 179 165 170 170	ug/L ug/L ug/L ug/L ug/L ug/L	88 87 88 84 85

Date Compiled: 22 March 1995

09/21/94

09/21/94

ND = Not Detected

LCS946174

LCSD946174

NC = Not Calculable

NA

NA

100

100

MSMSD140921080601

MSMSD140921080601

NS = Not Specified

111

109

ug/L

ug/L

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

111

109

DATE		<u> </u>	ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8270	- Semivolatile Organi	cs					
Spiked Analyte : 2-Meth	ylnaphthalene						
Type of Spike : Labora	tory Control, cont.						
09/26/94	LCS946427	MSMSD140926083300	NA	100	103	ug/L	103
09/26/94	LCSD946427	MSMSD140926083300	NA	100	99.0	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.6	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.0	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	99.0	ug/L	99.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	95.2	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	104	ug/L	104
09/22/94	LCSD946381	MSMSD240922082701	NA	100	98.0	ug/L	98.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.6	ug/L	99.0

: 102

: NC

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2-Methylphenol Type of Spike : Laboratory Control

Mean % Recovery

Standard Deviation

09/21/94	LCS946174	MSMSD140921080601	NA	100	93.1	ug/L	93.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	93.9	ug/L	94.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	89.4	ug/L	89.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	84.0	ug/L	84.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	82.7	ug/L	83.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	78.7	ug/L	79.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	80.0	ug/L	80.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	76.7	ug/L	77.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	86.8	ug/L	87.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	90.7	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	79.6	ug/L	80.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	78.1	ug/L	78.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	82.7	ug/L	83.0

Above acceptance :

Acceptance Criteria 37-150

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE

Spiked Analyte : 2-Methylphenol

Type of Spike : Laboratory Control, cont.

09/27/94	LCS946458	MSMSD240927080201	NA	100	85.7	ug/L	86.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	85.9	ug/L	86.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	84.3	ug/L	84.0

: 16 : 84.6 Number of Samples Below acceptance : Above acceptance : 0 Mean % Recovery Standard Deviation : NC Acceptance Criteria 29-133

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Nitroaniline Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.2	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	1
09/26/94	LCSD946427	MSMSD140926083300	NA	100	91.6	ug/L	92
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.1	ug/L	96.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	99.1	ug/L	99.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.5	ug/L	96.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	98.4	ug/L	98.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.0	ug/L	92.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.7	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.5	ug/L	100
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.5	ug/L	97.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	118	ug/L	118
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	115	ug/L	115
09/27/94	LCSD946458	MSMSD240927080201	NA	100	102	ug/L	102

: 16 : 101 Number of Samples Below acceptance: 0 Mean % Recovery Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-149

AA	NALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	DATE ,			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 2-Nitrophenol Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	97.6	ug/L	98.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.8	ug/L	94.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.2	ug/L	93.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	93.6	ug/L	94.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	98.1	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.8	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	104	ug/L	104
09/21/94	LCSD946355	MSMSD240921075701	NA	100	110	ug/L	110
09/22/94	LCS946381	MSMSD240922082701	NA	100	108	ug/L	108
09/22/94	LCSD946381	MSMSD240922082701	NA	100	105	ug/L	105
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	105	ug/L	105
09/27/94	LCSD946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCSD946458	MSMSD240927080201	NA	100	104	ug/L	104

Number of Samples : 103 Mean % Recovery

Below acceptance : Above acceptance : : NC

0 Acceptance Criteria 29-182

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 3,3'-Dichlorobenzidine Type of Spike : Laboratory Control

Standard Deviation

09/21/94	LCS946174	MSMSD140921080601	NA	100	152	ug/L	152
09/21/94	LCSD946174	MSMSD140921080601	NA	100	144	ug/L	144
09/26/94	LCS946427	MSMSD140926083300	NA	100	141	ug/L	141
09/26/94	LCSD946427	MSMSD140926083300	NA	100	129	ug/L	129
09/27/94	LCS946511	MSMSD140927080202	NA	100	134	ug/L	134
09/27/94	LCSD946511	MSMSD140927080202	NA	100	137	ug/L	137
09/28/94	LCS946511	MSMSD140928081901	NA	100	140	ug/L	140
09/28/94	LCSD946511	MSMSD140928081901	NA	100	144	ug/L	144
09/21/94	LCS946355	MSMSD240921075701	NA	100	120	ug/L	120
09/21/94	LCSD946355	MSMSD240921075701	NA	100	127	ug/L	127
09/22/94	LCS946381	MSMSD240922082701	NA	100	144	ug/L	144

DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE					ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID			BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
	*					~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	**		
Method : SW827	0 - Semivolatile	0rga	nics						
Spiked Analyte : 3,3'-	Dichlorobenzidine								
Type of Spike : Labor	atory Control, co	nt.							
09/22/94	LCSD946381			MSMSD240922082701	NA	100	140	ug/L	140
09/27/94	LCS946438			MSMSD240927080202	NA	100	160	ug/L	160
09/27/94	LCS946458			MSMSD240927080201	NA	100	127	ug/L	127
09/27/94	LCSD946438			MSMSD240927080202	NA	100	156	ug/L	156
09/27/94	LCSD946458			MSMSD240927080201	NA	100	125	ug/L	125
Number of	Samples	:	16		Below accept	 ance :	0		
Mean % Rec	overy	:	139		Above accept	ance :	0		
Standard D	eviation	:	NC		Acceptance C	riteria	D-262		

Spiked Analyte : 3-Nitroaniline Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	
09/21/94	LCSD946174	MSMSD140921080601	NA	100	105	ug/L	
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	109
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.1	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	100	ug/L	100
09/27/94	LCSD946511	MSMSD140927080202	NA	100	106	ug/Ĺ	106
09/28/94	LCS946511	MSMSD140928081901	NA	100	100	ug/L	100
09/28/94	LCSD946511	MSMSD140928081901	NA	100	104	ug/L	104
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.2	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	110	ug/L	110
09/22/94	LCSD946381	MSMSD240922082701	NA	100	105	ug/L	105
09/27/94	LCS946438	MSMSD240927080202	NA	100	122	ug/L	122
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	120	ug/L	120
09/27/94	LCSD946458	MSMSD240927080201	NA	100	103	ug/L	103

Number of Samples : 16 Below acceptance : 0 Mean % Recovery : 106 Above acceptance : Standard Deviation : NC Acceptance Criteria 45-157

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8270 - Semivolatile Organics Spiked Analyte : 4,6-Dinitro-2-methylphenol

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	129	ug/L	129
09/21/94	LCSD946174	MSMSD140921080601	NA	100	130	ug/L	130
09/26/94	LCS946427	MSMSD140926083300	NA	100	125	ug/L	125
09/26/94	LCSD946427	MSMSD140926083300	NA	100	111	ug/L	111
09/27/94	LCS946511	MSMSD140927080202	NA	100	121	ug/L	121
09/27/94	LCSD946511	MSMSD140927080202	NA	100	118	ug/L	118
09/28/94	LCS946511	MSMSD140928081901	NA	100	118	ug/L	118
09/28/94	LCSD946511	MSMSD140928081901	NA	100	117	ug/L	117
09/21/94	LCS946355	MSMSD240921075701	NA	100	133	ug/L	133
09/21/94	LCSD946355	MSMSD240921075701	NA	100	141	ug/L	141
09/22/94	LCS946381	MSMSD240922082701	NA	100	137	ug/L	137
09/22/94	LCSD946381	MSMSD240922082701	NA	100	141	ug/L	141
09/27/94	LCS946438	MSMSD240927080202	NA	100	145	ug/L	145
09/27/94	LCS946458	MSMSD240927080201	NA	100	141	ug/L	141
09/27/94	LCSD946438	MSMSD240927080202	NA	100	140	ug/L	140
09/27/94	LCSD946458	MSMSD240927080201	NA	100	137	ug/L	137

Number of Samples : 16 Mean % Recovery : 130 Standard Deviation : NC Below acceptance : 0
Above acceptance : 0
Acceptance Criteria D

0 D-191

Method : SW8270 - Semivolatile Organics Spiked Analyte : 4-Bromophenyl phenyl ether

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	104	ug/L	104
09/21/94	LCSD946174	MSMSD140921080601	NA	100	104	ug/L	104
09/26/94	LCS946427	MSMSD140926083300	NA ·	100	102	ug/L	102
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.8	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.4	ug/L	88.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	88.7	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	94.0	ug/L	94.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.4	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	106	ug/L	106
09/22/94	LCS946381	MSMSD240922082701	NA	100	106	ug/L	106

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
~~							
		_					
	- Semivolatile Organ	ics					
Spiked Analyte : 4-Bromo							
Type of Spike : Labora	tory Control, cont.						
09/22/94	LCSD946381	MSMSD240922082701	NA	100	106	ug/L	106
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NΑ	100	98.0	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.9	ug/L	99.0
Number of Sa	amples : :	 16	Below accepta	 ance :	0		
Mean % Recov	•		Above accepta		0		

: NC

Spiked Analyte : 4-Chloro-3-methylphenol Type of Spike : Laboratory Control

Standard Deviation

09/21/94 LCS946174 MSMSD140921080601 NΑ 100 100 ug/L 09/21/94 LCSD946174 100 99.1 ug/L MSMSD140921080601 NA 09/26/94 LCS946427 MSMSD140926083300 92.7 NA 100 ug/L 93.0 09/26/94 LCSD946427 MSMSD140926083300 NA 100 86.7 ug/L 87.0 09/27/94 LCS946511 MSMSD140927080202 NA 100 85.2 ug/L 85.0 09/27/94 LCSD946511 MSMSD140927080202 NA 100 87.2 ug/L 87.0 09/28/94 LCS946511 MSMSD140928081901 NA 100 89.3 ug/L 89.0 09/28/94 LCSD946511 MSMSD140928081901 NA 100 87.3 uq/L 87.0 09/21/94 LCS946355 MSMSD240921075701 NA 100 101 ug/L 101 09/21/94 LCSD946355 MSMSD240921075701 100 103 ug/L 103 09/22/94 100 98.4 LCS946381 MSMSD240922082701 NA ug/L 98.0 09/22/94 LCSD946381 MSMSD240922082701 NA 100 96.3 96.0 ug/L 09/27/94 LCS946438 100 MSMSD240927080202 NΑ 99.1 99.0 ug/L 09/27/94 LCS946458 MSMSD240927080201 NA 100 94.6 uq/L 95.0 09/27/94 LCSD946438 MSMSD240927080202 NA 100 101 ug/L 101 09/27/94 LCSD946458 MSMSD240927080201 100 93.3 ug/L 93.0

Number of Samples : 16
Mean % Recovery : 94.6
Standard Deviation : NC

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 22-147

Acceptance Criteria 53-127

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

	DATÉ			ORIG.	AMOUNT	AMOUNT	RESULT	%
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	Method : SW8270	- Semivolatile Organ	ics					
Spik	ed Analyte : 4-Chlo	ro-3-methylphenol						

09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	178	ug/L	91.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	172	ug/L	89.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	181	ug/L	88.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	168	ug/L	86.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	167	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	179	ug/L	88.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	175	ug/L	88.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	177	ug/L	91.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 88.3 Above acceptance : 0
Standard Deviation : 2.12 Acceptance Criteria 22-147

Method : SW8270 - Semivolatile Organics Spiked Analyte : 4-Chlorophenyl phenyl ether

Type of Spike : Laboratory Control

Type of Spike : Matrix Spike

09/21/94	LCS946174	MSMSD140921080601	NA	100	106	ug/L	106
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	107	ug/L	107
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.0	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	94.8	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	99.2	ug/L	99.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	103	ug/L	103
09/28/94	LCSD946511	MSMSD140928081901	NA	100	104	ug/L	104
09/21/94	LCS946355	MSMSD240921075701	NA	100	105	ug/L	105
09/21/94	LCSD946355	MSMSD240921075701	NA	100	111	ug/L	111
09/22/94	LCS946381	MSMSD240922082701	NA	100	113	ug/L	113
09/22/94	LCSD946381	MSMSD240922082701	NA	100	110	ug/L	110
09/27/94	LCS946438	MSMSD240927080202	NA	100	118	ug/L	118
09/27/94	LCS946458	MSMSD240927080201	NA	100	104	ug/L	104
09/27/94	LCSD946438	MSMSD240927080202	NA	100	117	ug/L	117
09/27/94	LCSD946458	MSMSD240927080201	NA	100	102	ug/L	102

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 106 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 25-158

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT	% DECOVEDY
	3AMFLE 10		RESULT	5PIKEU	RECOVERED	UNIT	RECOVERY
Method : SW8270	) - Semivolatile Organ	ics					
Spiked Analyte : 4-Meth	ylphenol/3-Methylphen	ol					
Type of Spike : Labora	tory Control						
09/21/94	LCS946174	MSMSD140921080601	NA	100	97.1	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.8	ug/L ug/L	98.0
09/26/94	LCS946427	MSMSD140926083300	NA NA	100	90.6	ug/L ug/L	91.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	83.8	ug/L	84.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	76.4	ug/L	76.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	74.3	ug/L	74.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	76.9	ug/L	77.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	69.2	ug/L	69.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	80.5	ug/L	81.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	83.0	ug/L	83.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	67.9	ug/L	68.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	66.0	ug/L	66.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	70.5	ug/L	70.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	78.0	ug/L	78.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	73.2	ug/L	73.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	75.8	ug/L	76.0

Number of Samples : 16
Mean % Recovery : 78.8
Standard Deviation : NC

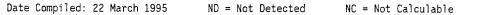
Below acceptance : 0
Above acceptance : 0

Acceptance Criteria 20-135

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 4-Nitroaniline Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	103	ug/L	103
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.1	ug/L	97.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.1	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	82.6	ug/L	83.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	94.4	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	98.7	ug/L	99.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.3	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	97.7	ug/L	98.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	86.3	ug/L	86.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	90.5	ug/L	90.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	104	ug/L	104



NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
	5AM EL 15						
Method : SW8270	- Semivolatile Org	anics					
Spiked Analyte : 4-Nitr	oaniline						
Type of Spike : Labora	tory Control, cont.						
00 /00 /04	LCSD946381	MSMSD2409220827	701 NA	100	101	ug/L	101
09/22/94						•	
09/27/94	LCS946438	MSMSD2409270802		100	115	ug/L	115
09/27/94	LCS946458	MSMSD2409270802	201 NA	100	89.9	ug/L	90.0
09/27/94	LCSD946438	MSMSD2409270802	202 NA	100	114	ug/L	114
09/27/94	LCSD946458	MSMSD2409270802	201 NA	100	90.6	ug/L	91.0
09/27/94	LCSD946458	MSMSD2409270802	201 NA	100	90.6		
Number of S	amples :	16	Below accept	tance :	0		
Mean % Reco	very :	97.3	Above accept	tance :	0		

: NC

Spiked Analyte : 4-Nitrophenol
Type of Spike : Laboratory Control

Standard Deviation

09/21/94	LCS946174	MSMSD140921080601	NA	100	94.3	ug/L	94.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	89.5	ug/L	90.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	103	ug/L	103
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.0	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	47.9	ug/L	48.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	46.7	ug/L	47.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	47.3	ug/L	47.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	47.5	ug/L	48.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	105	ug/L	105
09/21/94	LCSD946355	MSMSD240921075701	NA	100	108	ug/L	108
09/22/94	LCS946381	MSMSD240922082701	NA	100	48.2	ug/L	48.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	46.1	ug/L	46.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	47.8	ug/L	48.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	92.2	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	46.8	ug/L	47.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	91.1	ug/L	91.0

Acceptance Criteria 25-162

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 71.9 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria D-132

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270	- Semivolatile Organi	cs					
oiked Analyte : 4-Nitr	ophenol						
ype of Spike : Matrix	Spike						
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	169	ug/L	87.
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	168	ug/L	86.
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	89.9	ug/L	44.
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	94.8	ug/L	48.
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	88.8	ug/L	44.
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	90.3	ug/L	46.
03/20/34		MSMSD240921075701	ND	200	173	ug/L	87.
09/21/94	G94-06-MW-02	1131130240321073701	110				

Below acceptance :
Above acceptance : Number of Samples : 8 : 67.1 Mean % Recovery Standard Deviation : 23.3 Acceptance Criteria D-132

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Acenaphthene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	98.8	ug/L	99.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	94.9	ug/L	95.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	100	ug/L	100
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.4	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.8	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.6	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	89.0	· ug/L	89.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.5	ug/L	92.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	89.6	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	93.3	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	93.9	ug/L	94.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	90.0	ug/L	90.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	101	ug/L	101
09/27/94	LCS946458	MSMSD240927080201	NA	100	89.7	ug/L	90.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	101	ug/L	101
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.3	ug/L	90.0
						= "	

Number of Samples : 16
Mean % Recovery : 93.8
Standard Deviation : NC Below acceptance : 0
Above acceptance : 0 Acceptance Criteria 47-145

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270	- Semivolatile Organi	cs					
Spiked Analyte : Acenap	hthene						
Type of Spike : Matrix	Spike						
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	88.5	ug/L	92.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	88.7	ug/L	91.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	89.0	ug/L	87.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	89.5	ug/L	91.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	88.5	ug/L	87.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	88.6	ug/L	90.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	86.9	ug/L	87.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	84.3	ug/L	86.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 88.9 Above acceptance : 0
Standard Deviation : 2.36 Acceptance Criteria 47-145

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Acenaphthylene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	108	ug/L	108
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	110	ug/L	110
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.9	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	102	ug/L	102
09/27/94	LCSD946511	MSMSD140927080202	NA	100	107	ug/L	107
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	LCS946355	MSMSD240921075701	NA	100	97.7	ug/L	98.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	102	ug/L	102
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.6	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCSD946458	MSMSD240927080201	NA	100	100	ug/L	100

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 103 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 33-145

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE	CAMBLE ID	DATOU ID	ORIG.	AMOUNT	AMOUNT	RESULT	% %
ANALYZED 	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8270	) - Semivolatile Organ	ics					
Spiked Analyte : Anthra	icene						
Type of Spike : Labora	itory Control						
09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	112	ug/L	112
09/26/94	LCSD946427	MSMSD140926083300	NA	100	102	ug/L	102
09/27/94	LCS946511	MSMSD140927080202	NA	100	104	ug/L	104
09/27/94	LCSD946511	MSMSD140927080202	NA	100	103	ug/L	103
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	104	ug/L	104
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	107	ug/L	107
09/22/94	LCSD946381	MSMSD240922082701	NA	100	104	ug/L	104
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCSD946458	MSMSD240927080201	NA	100	103	ug/L	103

Number of Samples : 16 Mean % Recovery : 106 Standard Deviation : NC Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 27-133

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Benzo(a)anthracene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	114	ug/L	114
09/21/94	LCSD946174	MSMSD140921080601	NA	100	112	ug/L	112
09/26/94	LCS946427	MSMSD140926083300	NA	100	110	ug/L	110
09/26/94	LCSD946427	MSMSD140926083300	NA	100	99.8	ug/L	100
09/27/94	LCS946511	MSMSD140927080202	NA	100	101	ug/L	101
09/27/94	LCSD946511	MSMSD140927080202	NA	100	101	ug/L	101
09/28/94	LCS946511	MSMSD140928081901	NA	100	105	ug/L	105
09/28/94	LCSD946511	MSMSD140928081901	NΑ	100	106	ug/L	106
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.1	ug/L	99.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Benzo(a)anthracene

Type of Spike : Laboratory Control, cont.

09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.9	ug/L	100
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NA	100	101	ug/L	101
09/27/94	LCSD946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.5	ug/L	98.0

Below acceptance : Number of Samples Above acceptance : Mean % Recovery : 105 Standard Deviation : NC Acceptance Criteria 33-143

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Benzo(a)pyrene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	103	ug/L	103
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.8	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	104
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.6	ug/L	94.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	97.9	ug/L	98.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	97.8	ug/L	98.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	96.7	ug/L	97.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.7	ug/L	91.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.4	ug/L	94.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.5	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	94.6	ug/L	95.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCS946458	MSMSD240927080201	ΝA	100	94.3	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	103	ug/L	103
09/27/94	LCSD946458	MSMSD240927080201	NΑ	100	92.6	ug/L	93.0

Number of Samples : 97.9 Mean % Recovery Standard Deviation

Below acceptance : Above acceptance : 0 Acceptance Criteria 17-163

0

NC = Not Calculable Date Compiled: 22 March 1995 ND = Not Detected NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	) - Semivolatile Organ	ics					
Spiked Analyte : Benzo( Type of Spike : Labora							
09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	99.8	ug/L	100
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	104
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.4	ug/L	98.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.1	ug/L	96.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.7	ug/L	96.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.6	ug/L	89.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	97.4	ug/L	97.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.1	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	86.5	ug/L	87.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	88.0	ug/L	88.0
09/22/94	LCSD946381	MSMSD240922082701	NΑ	100	84.4	ug/L	84.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.5	ug/L	88.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	98.3	ug/L	98.0

Number of Samples : 16
Mean % Recovery : 94.8
Standard Deviation : NC Below acceptance : Above acceptance : 0
Acceptance Criteria 24-159

Method : SW8270 - Semivolatile Organics

LCSD946458

Spiked Analyte : Benzo(g,h,i)perylene Type of Spike : Laboratory Control

09/27/94

09/21/94	LCS946174	MSMSD140921080601	NA	100	130	ug/L	130
09/21/94	LCSD946174	MSMSD140921080601	NA	100	122	ug/L	122
09/26/94	LCS946427	MSMSD140926083300	NA	100	130	ug/L	130
09/26/94	LCSD946427	MSMSD140926083300	NA	100	112	ug/L	112
09/27/94	LCS946511	MSMSD140927080202	NA	100	116	ug/L	116
09/27/94	LCSD946511	MSMSD140927080202	NA	100	111	ug/L	111
09/28/94	LCS946511	MSMSD140928081901	NA	100	114	ug/L	114
09/28/94	LCSD946511	MSMSD140928081901	NA	100	114	ug/L	114
09/21/94	LCS946355	MSMSD240921075701	NA	100	95.0	ug/L	95.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	97.8	ug/L	98.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103

MSMSD240927080201 NA 100 90.5

ug/L

90.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270	- Semivolatile	0rga	anics						
Spiked Analyte : Benzo(	g,h,i)peryleme								
Type of Spike : Labora	tory Control, co	nt.							
09/22/94	LCSD946381			MSMSD240922082701	NA	100	98.6	ug/L	99.0
09/27/94	LCS946438			MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458			MSMSD240927080201	NA	100	96.2	ug/L	96.0
09/27/94	LCSD946438			MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCSD946458			MSMSD240927080201	NA .	100	94.8	ug/L	95.0
Number of S	amples	· :	16		Below accept	ance :	0		
Mean % Reco	very	:	109		Above accept	cance :	0		
Standard De	viation	:	NC		Acceptance (	Criteria	D-219		

Spiked Analyte : Benzo(k)fluoranthene
Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	112	ug/L	112
09/21/94	LCSD946174	MSMSD140921080601	NA	100	112	ug/L	112
09/26/94	LCS946427	MSMSD140926083300	NA	100	120	ug/L	120
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.8	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	107	ug/L	107
09/27/94	LCSD946511	MSMSD140927080202	NA	100	111	ug/L	111
09/28/94	LCS946511	MSMSD140928081901	NA	100	98.5	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	LCS946355	MSMSD240921075701	NA	100	84.9	ug/L	85.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.7	ug/L	97.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.3	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.1	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	93.5	ug/L	93.0
09/27/94	LCS946458	MSMSD240927080201	NΑ	100	90.5	ug/L	90. <b>0</b>
09/27/94	LCSD946438	MSMSD240927080202	NA	100	97.6	ug/L	98.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.2	ug/L	90.0

Number of Samples : 16 Mean % Recovery : 100 Standard Deviation : NC Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 11-162

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW8270	) - Semivolatile Organ	nics					
Spiked Analyte : Benzoi	<del>-</del>						
Type of Spike : Labora	itory Control						
09/21/94	LCS946174	MSMSD140921080601	NA	100	70.9	ug/L	71.0
09/21/94	LCSD946174	MSMSD140921080601	NA.	100	69.2	ug/L ug/L	69.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	62.6	ug/L ug/L	63.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	75.1	ug/L	75.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	40.1	ug/L	40.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	38.6	ug/L	39.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	40.6	ug/L	41.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	38.3	ug/L	38.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.4	ug/L	92.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	92.8	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	12.0	ug/L	12.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	19.1	ug/L	19.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	13.2	ug/L	13.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	86.1	ug/L	86.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	15.2	ug/L	15.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	87.4	ug/L	87.0

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 53.3 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 0-294

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Benzyl alcohol
Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	101	ug/L	101
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	109
09/26/94	LCSD946427	MSMSD140926083300	NA	100	104	ug/L	104
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.6	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.7	ug/L	90.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	92.6	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	85.3	ug/L	85.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	85.5	ug/L	85.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	91.2	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	79.0	ug/L	79.0

	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%	
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY	
	Method : SW8270	- Semivolatile Organic	s						
Spike	ed Analyte : Benzyl	<del>-</del>	•						
•		tory Control, cont.							
	09/22/94	LCSD946381	MSMSD240922082701	NA	100	76.1	ug/L	76.0	
	09/27/94	LCS946438	MSMSD240927080202	NA	100	95.3	ug/L	95.0	

MSMSD240927080201

MSMSD240927080202

MSMSD240927080201

100

100

100

NA

NA

89.0

98.1

93.6

ug/L

ug/L

ug/L

89.0

98.0

94.0

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 92.8 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria NS

Method : SW8270 - Semivolatile Organics

LCS946458

LCSD946438

LCSD946458

Spiked Analyte : Butylbenzylphthalate Type of Spike : Laboratory Control

09/27/94

09/27/94

09/27/94

09/21/94	LCS946174	MSMSD140921080601	NA	100	114	ug/L	114
09/21/94	LCSD946174	MSMSD140921080601	NA	100	113	ug/L	113
09/26/94	LCS946427	MSMSD140926083300	NA	100	124	ug/L	124
09/26/94	LCSD946427	MSMSD140926083300	NA	100	115	ug/L	115
09/27/94	LCS946511	MSMSD140927080202	NA	100	109	ug/L	109
09/27/94	LCSD946511	MSMSD140927080202	NA	100	114	ug/L	114
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	106	ug/L	106
09/21/94	LCS946355	MSMSD240921075701	NA	100	95.8	ug/L	96.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	95.4	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.0	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	95.9	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	116	ug/L	116
09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCSD946458	MSMSD240927080201	NA	100	97.9	ug/L	98.0

Number of Samples : 16 Below acceptance : 0 Mean % Recovery : 107 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria D-152

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Method · SW8270	) - Semivolatile Organ	ics					
Spiked Analyte : Chryse	•	103					
Type of Spike : Labora							
	•						
09/21/94	LCS946174	MSMSD140921080601	NA	100	107	ug/L	107
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	108	ug/L	108
09/26/94	LCSD946427	MSMSD140926083300	NA	100	98.8	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	97.9	ug/L	98.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	98.2	ug/L	98.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.8	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	100	ug/L	100
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.6	ug/L	95.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	98.7	ug/L	99.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	101	ug/L	101
09/22/94	LCSD946381	MSMSD240922082701	NA	100	97.7	ug/L	98.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCS946458	MSMSD240927080201	NA	100	97.8	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCSD946458	MSMSD240927080201	NA	100	95.7	ug/L	96.0

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 102 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 17-168

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Di-n-octylphthalate
Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	125	ug/L	125
09/21/94	LCSD946174	MSMSD140921080601	NA	100	122	ug/L	122
09/26/94	LCS946427	MSMSD140926083300	NA	100	139	ug/L	139
09/26/94	LCSD946427	MSMSD140926083300	NA	100	127	ug/L	127
09/27/94	LCS946511	MSMSD140927080202	NA	100	127	ug/L	127
09/27/94	LCSD946511	MSMSD140927080202	NA	100	123	ug/L	123
09/28/94	LCS946511	MSMSD140928081901	NA	100	114	ug/L	114
09/28/94	LCSD946511	MSMSD140928081901	NA	100	113	ug/L	113
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	102	ug/L	102

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Di-n-octylphthalate

Type of Spike : Laboratory Control, cont.

09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.5	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	117	ug/L	117
09/27/94	LCS946458	MSMSD240927080201	NA	100	104	ug/L	104
09/27/94	LCSD946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCSD946458	MSMSD240927080201	NA	100	103	ug/L	103

Number of Samples : 16 Mean % Recovery : 114 : NC Standard Deviation

0 Below acceptance : Above acceptance :

Acceptance Criteria

4-146

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Dibenz(a,h)anthracene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	108	ug/L	108
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	104	ug/L	104
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.4	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	95.2	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.8	ug/L	95.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.0	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	91.4	ug/L	91.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.2	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.1	ug/L	96.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.9	ug/L	97.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCS946458	MSMSD240927080201	NA	100	93.7	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	104	ug/L	104
09/27/94	LCSD946458	MSMSD240927080201	NA	100	93.9	ug/L	94.0

Number of Samples Mean % Recovery : 98.2 Standard Deviation : NC

Below acceptance : Above acceptance : Acceptance Criteria D-227

ND = Not Detected NC = Not Calculable NS = Not Specified Date Compiled: 22 March 1995

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270	- Semivolatile Organ	ics					
piked Analyte : Dibenz	ofuran						
Type of Spike : Labora	tory Control						
09/21/94	LCS946174	MSMSD140921080601	NA	100	107	ug/L	10
09/21/94	LCSD946174	MSMSD140921080601	NA	100	101	ug/L ug/L	10
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.8	ug/L	10
09/26/94	LCSD946427	MSMSD140926083300	NA	100	92.0	ug/L	92.
09/27/94	LCS946511	MSMSD140927080202	NA.	100	93.5	ug/L	94.
09/27/94	LCSD946511	MSMSD140927080202	NA.	100	95.2	ug/L	95.
09/28/94	LCS946511	MSMSD140928081901	NA	100	94.5	ug/L	94.
09/28/94	LCSD946511	MSMSD140928081901	NA	100	96.6	ug/L ug/L	97.
09/21/94	LCS946355	MSMSD240921075701	NA	100	98.1	ug/L	98.
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	10
09/22/94	LCS946381	MSMSD240922082701	NA	100	105	ug/L	10
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.6	ug/L	10
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	10
09/27/94	LCS946458	MSMSD240927080201	NA	100	97.2	ug/L	97.
09/27/94	LCSD946438	MSMSD240927080202	NA	100	110	ug/L	11
09/27/94	LCSD946458	MSMSD240927080201	NA	100	96.3	ug/L	96.

: 16 : 99.8 : NC Number of Samples Mean % Recovery

Standard Deviation

Below acceptance :

Above acceptance : Acceptance Criteria 0 Acceptance Criteria 67-122

0

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Dibutylphthalate Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	110	ug/L	110
09/21/94	LCSD946174	MSMSD140921080601	NA	100	109	ug/L	109
09/26/94	LCS946427	MSMSD140926083300	NA	100	119	ug/L	119
09/26/94	LCSD946427	MSMSD140926083300	NA	100	105	ug/L	105
09/27/94	LCS946511	MSMSD140927080202	NA	100	104	ug/L	104
09/27/94	LCSD946511	MSMSD140927080202	NA	100	104	ug/L	104
09/28/94	LCS946511	MSMSD140928081901	NA	100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	101	ug/L	101
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	105	ug/L	105

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% Recovery

Spiked Analyte : Dibutylphthalate

Type of Spike : Laboratory Control, cont.

09/22/94	LCSD946381	MSMSD240922082701	NA	100	103	ug/L	103
09/27/94	LCS946438	MSMSD240927080202	NA	100	115	ug/L	115
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.7	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	110	ug/L	110
09/27/94	LCSD946458	MSMSD240927080201	NA	100	99.0	ug/L	99.0

Number of Samples : 16 Mean % Recovery : 106 Standard Deviation : NC Below acceptance: 0
Above acceptance: 1
Acceptance Criteria 1-118

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Diethylphthalate

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	109	ug/L	109
09/21/94	LCSD946174	MSMSD140921080601	NA	100	104	ug/L	104
09/26/94	LCS946427	MSMSD140926083300	NA	100	113	ug/L	113
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	102	ug/L	102
09/27/94	LCSD946511	MSMSD140927080202	NA	100	105	ug/L	105
09/28/94	LCS946511	MSMSD140928081901	NA	100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	105	ug/L	105
09/21/94	LCS946355	MSMSD240921075701	NA	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	107	ug/L	107
09/22/94	LCSD946381	MSMSD240922082701	NA	100	103	ug/L	103
09/27/94	LCS946438	MSMSD240927080202	NA	100	112	ug/L	112
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.8	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.5	ug/L	99.0

Number of Samples : 16 Mean % Recovery : 105 Standard Deviation : NC Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 67-143

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER
	) - Semivolatile Organ	ics					
Spiked Analyte : Dimeth	- '						
Type of Spike : Labora	itory Control						
09/21/94	LCS946174	MSMSD140921080601	NA	100	107	ug/L	10
09/21/94	LCSD946174	MSMSD140921080601	NA	100	103	ug/L	10
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	10
09/26/94	LCSD946427	MSMSD140926083300	NA	100	96.6	ug/L	97.
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.8	ug/L	97.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	102	ug/L	102
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.5	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	LCS946355	MSMSD240921075701	NA	100	98.2	ug/L	98.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103
09/22/94	LCSD946381	MSMSD240922082701	NA	100	101	ug/L	10:
09/27/94	LCS946438	MSMSD240927080202	NA	100	114	ug/L	114
09/27/94	LCS946458	MSMSD240927080201	NA	100	97.8	ug/L	98.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.2	ug/L	98.0

Number of Samples: 16Below acceptance : 0Mean % Recovery: 103Above acceptance : 0Standard Deviation: NCAcceptance Criteria 68-127

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Diphenylamine
Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	96.7	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	96.8	ug/L	97.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	108	ug/L	108
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.8	ug/L	94.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	95.3	ug/L	95.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	93.5	ug/L	94.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	91.7	ug/L	92.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.2	ug/L	92.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.6	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.6	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.5	ug/L	100

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Diphenylamine

Type of Spike : Laboratory Control, cont.

09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.2	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCS946458	MSMSD240927080201	NA	100	91.4	ug/L	91.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	106	ug/L	106
09/27/94	LCSD946458	MSMSD240927080201	NA	100	91.6	ug/L	92.0

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 96.8 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria NS

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Fluoranthene

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	102	ug/L	102
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	101	ug/L	101
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.1	ug/L	93.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.9	ug/L	94.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	91.7	ug/L	92.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.0	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.7	ug/L	93.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	96.8	ug/L	97.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	LCS946381	MSMSD240922082701	NA	100	103	ug/L	103
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.1	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	95.6	ug/L	96.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCSD946458	MSMSD240927080201	NA	100	96.0	ug/L	96.0

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 98.8 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 26-137

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DO = Diluted Out

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 Spiked Analyte : Fluore Type of Spike : Labora		ics					
09/21/94	LCS946174	MSMSD140921080601	NA	100	96.4	ug/L	96.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	92.0	ug/L	92.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	91.2	ug/L	91.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	81.1	ug/L	81.0
00/07/04	1.000.4051.1	U0U0D1 10007700000				5, -	01.0

09/27/94 LCS946511 MSMSD140927080202 NA 100 83.4 ug/L 83.0 09/27/94 LCSD946511 . MSMSD140927080202 NA 100 86.9 ug/L 87.0 09/28/94 LCS946511 MSMSD140928081901 NA 100 85.8 ug/L 86.0 09/28/94 LCSD946511 MSMSD140928081901 NA 100 87.8 ug/L 88.0 09/21/94 LCS946355 MSMSD240921075701 NA 100 84.5 ug/L 84.0 09/21/94 LCSD946355 MSMSD240921075701 NA 100 88.2 ug/L 88.0 09/22/94 LCS946381 MSMSD240922082701 NA 100 90.1 90.0 ug/L 09/22/94 LCSD946381 MSMSD240922082701 NA 100 86.2 ug/L 86.0 09/27/94 LCS946438 MSMSD240927080202 NA 100 93.3 93.0 ug/L 09/27/94 LCS946458 MSMSD240927080201 NA 100 84.8 ug/L 85.0 09/27/94 LCSD946438 MSMSD240927080202 NA 100 93.6 94.0 ug/L 09/27/94 LCSD946458 MSMSD240927080201 100 83.8 ug/L 84.0

Number of Samples Mean % Recovery

: 16 : 88.0 Below acceptance :

Above acceptance : 0

Standard Deviation

: NC

Acceptance Criteria

59-121

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Hexachlorobenzene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	109	ug/L	109
09/21/94	LCSD946174	MSMSD140921080601	NA	100	98.7	ug/L	99.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	95.0	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	85.9	ug/L	86.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	92.1	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	84.4	ug/L	84.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.3	ug/L	95.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.3	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	106	ug/L	106
09/21/94	LCSD946355	MSMSD240921075701	NA	100	113	ug/L	113
09/22/94	LCS946381	MSMSD240922082701	NA	100	112	ug/L	112
						J	

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Hexachlorobenzene

Type of Spike : Laboratory Control, cont.

09/22/94	LCSD946381	MSMSD240922082701	NA	100	111	ug/L	111
09/27/94	LCS946438	MSMSD240927080202	NA	100	120	ug/L	120
09/27/94	LCS946458	MSMSD240927080201	NA	100	103	ug/L	103
09/27/94	LCSD946438	MSMSD240927080202	NA	100	118	ug/L	118
09/27/94	LCSD946458	MSMSD240927080201	NA	100	106	ug/L	106

Number of Samples : 16 Mean % Recovery

Below acceptance : Above acceptance :

0

: 103 Standard Deviation : NC Acceptance Criteria D-152

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Hexachlorobutadiene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	102	ug/L	102
09/26/94	LCS946427	MSMSD140926083300	NA	100	96.3	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.9	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	84.0	ug/L	84.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	88.6	ug/L	89.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.4	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	94.3	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NΑ	100	101	ug/L	101
09/21/94	LCSD946355	MSMSD240921075701	NA	100	103	ug/L	103
09/22/94	LCS946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.6	ug/Ļ	100
09/27/94	LCS946438	MSMSD240927080202	NA	100	104	ug/L	104
09/27/94	LCS946458	MSMSD240927080201	NA	100	91.7	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCSD946458	MSMSD240927080201	NA	100	93.7	ug/L	94.0

: 16 Number of Samples : 97.3 Mean % Recovery Standard Deviation : NC

Below acceptance : 0 Above acceptance : Acceptance Criteria 23-140

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	*****						

Method : SW8270 - Semivolatile Organics Spiked Analyte : Hexachlorocyclopentadiene

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	29.1	ug/L	29.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	25.2	ug/L	25.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	92.1	ug/L	92.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	69.9	ug/L	70.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	115	ug/L	115
09/27/94	LCSD946511	MSMSD140927080202	NA	100	130	ug/L	130
09/28/94	LCS946511	MSMSD140928081901	NA	100	127	ug/L	127
09/28/94	LCSD946511	MSMSD140928081901	NA	100	139	ug/L	139
09/21/94	LCS946355	MSMSD240921075701	NA	100	32.0	ug/L	32.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	38.4	ug/L	38.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	125	ug/L	125
09/22/94	LCSD946381	MSMSD240922082701	NA	100	131	ug/L	131
09/27/94	LCS946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCS946458	MSMSD240927080201	NA	100	69.0	ug/L	69.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	127	ug/L	127
09/27/94	LCSD946458	MSMSD240927080201	NA	100	78.1	ug/L	78.0

Number of Samples : 16 Below acceptance : Mean % Recovery : 90.0 Above acceptance : 0 : NC Standard Deviation Acceptance Criteria 0-308

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Hexachloroethane Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	107	ug/L	107
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	105	ug/L	105
09/27/94	LCSD946511	MSMSD140927080202	NA	100	101	ug/L	101
09/28/94	LCS946511	MSMSD140928081901	NA	100	105	ug/L	105
09/28/94	LCSD946511	MSMSD140928081901	NA	100	99.4	ug/L	99.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.2	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	94.6	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	92.4	ug/L	92.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
			<b>-</b>					
Method : SW8270	- Semivolatile	Organics						
oiked Analyte : Hexach	loroethane							
Type of Spike : Labora	tory Control, co	nt.						
09/22/94	LCSD946381		MSMSD240922082701	NA	100	88.5	ug/L	88.0
09/27/94	LCS946438		MSMSD240927080202	NA	100	99.0	ug/L	99.0
09/27/94	LCS946458		MSMSD240927080201	NA	100	89.7	ug/L	90.0
09/27/94	LCSD946438		MSMSD240927080202	NΑ	100	104	ug/L	104
09/27/94	LCSD946458		MSMSD240927080201	NA	100	89.1	ug/L	89.0
Number of S	amples	: 16	<b></b>	Below accepta	 ance :	0		
Mean % Reco	•	: 99.3		Above accepta	ance :	0		
Standard De	viation	: NC		Acceptance Co	riteria 4	12-165		

Spiked Analyte : Indeno(1,2,3-cd)pyrene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	110	ug/L	110
09/21/94	LCSD946174	MSMSD140921080601	NA	100	106	ug/L	106
09/26/94	LCS946427	MSMSD140926083300	NA	100	109	ug/L	109
09/26/94	LCSD946427	MSMSD140926083300	NA	100	95.4	ug/L	95.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.0	ug/L	96.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	97.3	ug/L	97.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	97.6	ug/L	98.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	97.6	ug/L	98.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	93.1	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.4	ug/L	96.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	100	ug/L	100
09/22/94	LCSD946381	MSMSD240922082701	NA	100	97.3	ug/L	97.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	94.3	ug/L	94.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	105	ug/L	105
09/27/94	LCSD946458	MSMSD240927080201	NA	100	94.2	ug/L	94.0

Number of Samples : 16 Below acceptance : : 99.8 Above acceptance : Mean % Recovery Standard Deviation : NC Acceptance Criteria D-171

NC = Not Calculable NS = Not Specified ND = Not Detected Date Compiled: 22 March 1995

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVEDY
		are the site are the Th	MI 444 (544 144 145 145 145 145 145 145 145 145				

Spiked Analyte : Isophorone

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	111	ug/L	111
09/21/94	LCSD946174	MSMSD140921080601	NA	100	105	ug/L	105
09/26/94	LCS946427	MSMSD140926083300	NA	100	106	ug/L	106
09/26/94	LCSD946427	MSMSD140926083300	NA	100	101	ug/L	101
09/27/94	LCS946511	MSMSD140927080202	NA	100	101	ug/L	101
09/27/94	LCSD946511	MSMSD140927080202	NA	100	100	ug/L	100
09/28/94	LCS946511	MSMSD140928081901	NA	. 100	102	ug/L	102
09/28/94	LCSD946511	MSMSD140928081901	NA	100	101	ug/L	101
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.5	ug/L	99.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	103	ug/L	103
09/22/94	LCS946381	MSMSD240922082701	NA	100	104	ug/L	104
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.0	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	111	ug/L	111
09/27/94	LCS946458	MSMSD240927080201	NA	100	106	ug/L	106
09/27/94	LCSD946438	MSMSD240927080202	NA	100	115	ug/L	115
09/27/94	LCSD946458	MSMSD240927080201	NA	100	104	ug/L	104

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 104 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 21-196

Method : SW8270 - Semivolatile Organics Spiked Analyte : N-Nitroso-di-n-propylamine

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	110	ug/L	110
09/21/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	108
09/26/94	LCS946427	MSMSD140926083300	NA	100	103	ug/L	103
09/26/94	LCSD946427	MSMSD140926083300	NA	100	96.4	ug/L	96.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	98.5	ug/L	99.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	97.4	ug/L	97.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.8	ug/L	97.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	95.1	ug/L	95.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.1	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	93.2	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	92.4	ug/L	92.0

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
N-+LJ . C1/0070	C:1-4:1-	0	-:						
Method : SW8270 piked Analyte : N-Nitr		_							
Type of Spike : Labora	,								
				•					
09/22/94	LCSD946381			MSMSD240922082701	NA	100	89.7	ug/L	90.
09/27/94	LCS946438			MSMSD240927080202	NA	100	107	ug/L	10
09/27/94	LCS946458			MSMSD240927080201	NA	100	96.5	ug/L	97.
09/27/94	LCSD946438			MSMSD240927080202	NA	100	110	ug/L	11
09/27/94	LCSD946458			MSMSD240927080201	NA	100	96.2	ug/L	96.
Number of Samples		:	16		Below acceptance :		0		
Mullipel O1 3	Mean % Recovery		98.8		Above acceptance :		0		
	very	:	30.0		,				

Method : SW8270 - Semivolatile Organics Spiked Analyte : N-Nitroso-di-n-propylamine

Type of Spike : Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	102	ug/L	104
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	105	ug/L	109
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	98.8	ug/L	101
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	104	ug/L	102
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	104	ug/L	102
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	100	ug/L	102
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	92.9	ug/L	93.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	90.7	ug/L	93.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 101 Above acceptance : 0
Standard Deviation : 5.39 Acceptance Criteria D-230

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Naphthalene

Type of Spike : Laboratory Control

09/21/94 LCS946174 MSMSD140921080601 NA 100 105 ug/L 105 09/21/94 LCSD946174 MSMSD140921080601 NA 100 97.0 ug/L 97.0

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report

DO = Diluted Out

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	) - Semivolatile Organ	ics					
Spiked Analyte : Naphth							
Type of Spike : Labora	itory Control, cont.						
09/26/94	LCS946427	MSMSD140926083300	NA	100	102	ug/L	10
09/26/94	LCSD946427	MSMSD140926083300	NA	100	97.0	ug/L	97.
09/27/94	LCS946511	MSMSD140927080202	NA	100	93.5	ug/L	94.
09/27/94	LCSD946511	MSMSD140927080202	NA	100	94.0	ug/L	94.
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.8	ug/L	96.
09/28/94	LCSD946511	MSMSD140928081901	NA	100	92.1	ug/L	92.
09/21/94	LCS946355	MSMSD240921075701	NA	100	96.0	ug/L	96.
09/21/94	LCSD946355	MSMSD240921075701	NA	100	98.5	ug/L	99.
09/22/94	LCS946381	MSMSD240922082701	NA	100	96.0	ug/L	96.
09/22/94	LCSD946381	MSMSD240922082701	NA	100	93.6	ug/L	94.
09/27/94	LCS946438	MSMSD240927080202	NA	100	103	ug/L	10
						-	

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 97.4 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 21-133

MSMSD240927080201

MSMSD240927080202

MSMSD240927080201

NA

NA

NA

100

100

100

93.5

105

94.8

ug/L

ug/L

ug/L

94.0

105

95.0

Method : SW8270 - Semivolatile Organics

LCS946458

LCSD946438

LCSD946458

Spiked Analyte : Nitrobenzene

09/27/94

09/27/94

09/27/94

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	105	ug/L	105
09/21/94	LCSD946174	MSMSD140921080601	NA	100	101	ug/L	101
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.3	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	96.0	ug/L	96.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.8	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	93.9	ug/L	94.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	95.2	ug/L	95.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	93.7	ug/L	94.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	97.4	ug/L	97.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	101	ug/L	101
09/22/94	LCS946381	MSMSD240922082701	NA	100	98.1	ug/L	98.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	92.8	ug/L	93.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	106	ug/L	106

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Nitrobenzene

Type of Spike : Laboratory Control, cont.

09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	113	ug/L	113
09/27/94	LCSD946458	MSMSD240927080201	NA	100	99.9	ug/L	100

Number of Samples : 16 Below acceptance : 0 Mean % Recovery : 99.0 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 35-180

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Pentachlorophenol
Type of Spike : Laboratory Control

		-					
09/21/94	LCS946174	MSMSD140921080601	NA	100	73.2	ug/L	73.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	72.8	ug/L	73.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	80.8	ug/L	81.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	74.5	ug/L	75.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	76.3	ug/L	76.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	75.4	ug/L	75.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	76.5	ug/L	77.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	80.7	ug/L	81.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.5	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	99.7	ug/L	100
09/22/94	LCS946381	MSMSD240922082701	NA	100	93.4	ug/L	93.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	96.4	ug/L	96.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	89.3	ug/L	89.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.4	ug/L	88.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	86.2	ug/L	86.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	86.4	ug/L	86.0

Number of Samples : 16 Below acceptance : 0
Mean % Recovery : 83.9 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 14-176

							•
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Pentachlorophenol Type of Spike : Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	155	ug/L	79.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	157	ug/L	81.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	162	ug/L	80.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	159	ug/L	81.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	166	ug/L	85.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	172	ug/L	84.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	184	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	188	ug/L	96.0

Number of Samples : 8 Mean % Recovery : 84.8 Standard Deviation : 6.14

Below acceptance : Above acceptance :

0 Acceptance Criteria 14-176

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Phenanthrene Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	96.7	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	96.0	ug/L	96.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	99.4	ug/L	99.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.1	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	90.2	ug/L	90.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	87.6	ug/L	88.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.4	ug/L	88.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	87.6	ug/L	88.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	88.7	ug/L	89.0
09/21/94	LCSD946355	MSMSD240921075701	NA .	100	93.0	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	93.1	ug/L	93.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	89.2	ug/L	89.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.8	ug/L	100
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.7	ug/L	89.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	99.1	ug/L	99.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	87.6	ug/L	88.0

Number of Samples Mean % Recovery

: 16 : 92.3

Below acceptance : Above acceptance :

0

Standard Deviation

: NC

Acceptance Criteria 54-120

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Phenol

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	95.1	ug/L	95.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	94.6	ug/L	95.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	95.7	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.1	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	48.8	ug/L	49.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	44.8	ug/L	45.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	47.9	ug/L	48.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	43.5	ug/L	44.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.9	ug/L	91.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	93.2	ug/L	93.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	44.4	ug/L	44.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	42.7	ug/L	43.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	48.8	ug/L	49.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	88.5	ug/L	89.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	50.1	ug/L	50.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	86.1	ug/L	86.0

Number of Samples : 16
Mean % Recovery : 69.1
Standard Deviation : NC

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 5-

0 5-112

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Phenol

Type of Spike : Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	ND	195	155	ug/L	79.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	193	153	ug/L	79.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	204	76.9	ug/L	38.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	196	78.7	ug/L	40.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	196	77.9	ug/L	40.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	204	77.5	ug/L	38.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	200	152	ug/L	76.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	195	153	ug/L	79. <b>0</b>

Number of Samples : 8
Mean % Recovery : 58.6
Standard Deviation : 21.0

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 5-112

*****							
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVED
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Pyrene

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	106	ug/L	106
09/21/94	LCSD946174	MSMSD140921080601	NA	100	104	ug/L	104
09/26/94	LCS946427	MSMSD140926083300	NA	100	108	ug/L	108
09/26/94	LCSD946427	MSMSD140926083300	NA	100	99.1	ug/L	99.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	99.0	ug/L	99.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	101	ug/L	101
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.7	ug/L	94.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	96.5	ug/L	96.0
09/21/94	LCS946355	MSMSD240921075701	NA ·	100	93.3	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	95.1	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	97.0	ug/L	97.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	93.9	ug/L	94.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCS946458	MSMSD240927080201	NA	100	98.7	ug/L	99.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	107	ug/L	107
09/27/94	LCSD946458	MSMSD240927080201	NA	100	95.0	ug/L	95.0

Number of Samples : 16 Below acceptance : Mean % Recovery : 99.8 Standard Deviation : NC Above acceptance : 0 Acceptance Criteria 52-115

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Pyrene Type of Spike : Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	ND	96.6	95.3	ug/L	99.0
09/21/94	G94-06-MW-03	MSMSD140921080601	ND	97.6	95.9	ug/L	98.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	102	96.4	ug/L	94.0
09/27/94	G94-13-MW-37	MSMSD140927080202	ND	98.0	94.6	ug/L	96.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	98.0	90.4	ug/L	92.0
09/28/94	G94-13-MW-37	MSMSD140928081901	ND	102	93.4	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	100	81.8	ug/L	82.0
09/21/94	G94-06-MW-02	MSMSD240921075701	ND	97.6	78.0	ug/L	80.0

: 8 : 91.6 Below acceptance : 0
Above acceptance : 0 Number of Samples Mean % Recovery : 7.05 Standard Deviation Acceptance Criteria 52-115

Date Compiled: 22 March 1995

ND = Not Detected NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report <math>DO = Diluted Out

	DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
)								

Method : SW8270 - Semivolatile Organics Spiked Analyte : bis(2-Chloroethoxy)methane

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	102	ug/L	102
09/21/94	LCSD946174	MSMSD140921080601	NA	100	97.0	ug/L	97.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	96.2	ug/L	96.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	93.3	ug/L	93.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.3	ug/L	88.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	87.7	ug/L	88.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	89.8	ug/L	90.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	89.2	ug/L	89.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	92.9	ug/L	93.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	96.0	ug/L	96.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	96.1	ug/L	96.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	92.0	ug/L	92.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	106	ug/L	106
09/27/94	LCS946458	MSMSD240927080201	NA	100	95.9	ug/L	96.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	109	ug/L	109
09/27/94	LCSD946458	MSMSD240927080201	NA	100	96.1	ug/L	96.0

Number of Samples : 16 Mean % Recovery : 95.4 Standard Deviation : NC Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 33-184

Method : SW8270 - Semivolatile Organics

Spiked Analyte : bis(2-Chloroethyl)ether
Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	94.0	ug/L	94.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	91.8	ug/L	92.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	94.7	ug/L	95.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	87.8	ug/L	88.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	88.8	ug/L	89.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	85.6	ug/L	86.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	88.9	ug/L	89.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	84.1	ug/L	84.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	90.1	ug/L	90.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	91.0	ug/L	91.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	89.2	ug/L	89.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE					ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID			BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVED
Method : SW8270	- Semivolatile	Organi	ice						
Spiked Analyte : bis(2-		-	.00						
Type of Spike : Labora									
	,								
09/22/94	LCSD946381			MSMSD240922082701	NA	100	86.4	ug/L	86.0
09/27/94	LCS946438			MSMSD240927080202	NA	100	99.5	ug/L	99.0
09/27/94	LCS946458			MSMSD240927080201	NA	100	92.2	ug/L	92.0
09/27/94	LCSD946438			MSMSD240927080202	NA	100	103	ug/L	103
09/27/94	LCSD946458			MSMSD240927080201	NA	100	92.3	ug/L	92.0
Number of S	amoles	·: : :	 16	••••	Below accepta	nce ·	 0		
Mean % Reco	•		91.2		Above accepta		0		

Method : SW8270 - Semivolatile Organics Spiked Analyte : bis(2-Chloroisopropyl)ether

Standard Deviation

Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	92.3	ug/L	92
09/21/94	LCSD946174	MSMSD140921080601	NA	100	91.8	ug/L	92
09/26/94	LCS946427	MSMSD140926083300	NA	100	84.8	ug/L	85.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	80.0	ug/L	80.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	78.8	ug/L	79.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	76.5	ug/L	76.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	83.6	ug/L	84.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	79.9	ug/L	80.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	75.9	ug/L	76.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	81.2	ug/L	81.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	80.1	ug/L	80.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	78.2	ug/L	78.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	94.7	ug/L	95.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	84.0	ug/L	84.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	98.5	ug/L	98.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	84.2	ug/L	84.0

Acceptance Criteria 12-158

Number of Samples: 16Below acceptance : 0Mean % Recovery: 84.0Above acceptance : 0Standard Deviation: NCAcceptance Criteria 36-166

: NC

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report D0 = Diluted Out

ANALYZED  Method : SW8270 - :  Spiked Analyte : bis(2-Ethy Type of Spike : Laboratory  09/21/94  09/21/94  09/26/94  09/26/94  09/27/94	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER'
opiked Analyte : bis(2-Eth Type of Spike : Laborator 09/21/94 09/21/94 09/26/94 09/26/94 09/27/94							
piked Analyte : bis(2-Eth Type of Spike : Laborator 09/21/94 09/21/94 09/26/94 09/26/94 09/27/94	Semivolatile Organ	ics					
Type of Spike : Laboratory  09/21/94  09/21/94  09/26/94  09/26/94  09/27/94	_	103					
09/21/94 09/21/94 09/26/94 09/26/94 09/27/94							
09/21/94 09/26/94 09/26/94 09/27/94	,						
09/26/94 09/26/94 09/27/94	LCS946174	MSMSD140921080601	NA	100	106	ug/L	10
09/26/94 09/27/94	LCSD946174	MSMSD140921080601	NA	100	108	ug/L	10
09/27/94	LCS946427	MSMSD140926083300	NA	100	115	ug/L	11
	LCSD946427	MSMSD140926083300	NA	100	104	ug/L	10
09/27/94	LCS946511	MSMSD140927080202	NA	100	103	ug/L	10
	LCSD946511	MSMSD140927080202	NA	100	106	ug/L	10
09/28/94	LCS946511	MSMSD140928081901	NA	100	96.9	ug/L	97.
09/28/94	LCSD946511	MSMSD140928081901	NA	100	99.0	ug/L	99.
09/21/94	LCS946355	MSMSD240921075701	NA	100	91.8	ug/L	92.
09/21/94	LCSD946355	MSMSD240921075701	NA	100	92.5	ug/L	92.
09/22/94	LCS946381	MSMSD240922082701	NA	100	94.9	ug/L	95.
09/22/94	LCSD946381	MSMSD240922082701	NA	100	89.6	ug/L	90.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	108	ug/L	108
09/27/94	LCS946458	MSMSD240927080201	NA	100	94.8	ug/L	95.
09/27/94	LCSD946438	MSMSD240927080202	NA	100	106	ug/L	10
09/27/94	LCSD946458	MSMSD240927080201	NA	100	91.0	ug/L	91.
Number of Sampl	es : 1	.6	Below accepta	ince :	 0		
Mean % Recovery	<i>r</i> : 1	.00	Above accepta	ince :	0		

Standard Deviation : NC Acceptance Criteria

8-158

Method : SW8270 - Semivolatile Organics

Spiked Analyte : p-Chloroaniline Type of Spike : Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	109	ug/L	109
09/21/94	LCSD946174	MSMSD140921080601	NA	100	105	ug/L	105
09/26/94	LCS946427	MSMSD140926083300	NA	100	101	ug/L	101
09/26/94	LCSD946427	MSMSD140926083300	NA	100	90.7	ug/L	91.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	97.6	ug/L	98.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	102	ug/L	102
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	101	ug/L	101
09/21/94	LCS946355	MSMSD240921075701	NA	100	98.0	ug/L	98.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	105	ug/L	105
09/22/94	LCS946381	MSMSD240922082701	NA	100	110	ug/L	110

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV <u>S</u>
Method : SW8270 iked Analyte : p-Chlo	- Semivolatile O	rganics						
ype of Spike : Labora		t.						
09/22/94	LCSD946381		MSMSD240922082701	NA	100	108	ug/L	1
09/27/94	LCS946438		MSMSD240927080202	NA	100	119	ug/L	1
09/27/94	LCS946458		MSMSD240927080201	NA	100	105	ug/L	1
09/27/94	LCSD946438		MSMSD240927080202	NA	100	120	ug/L	1
09/27/94	LCSD946458		MSMSD240927080201	NA	100	105	ug/L	1
Number of Sa	amples	: 16	<del></del>	Below accepta	nce :	0		
Mean % Reco	very	: 105	i	Above accepta	nce :	0		
Standard Dev	viation	: NC	ı	Acceptance Cr	iteria 5	5-153		
ked Analyte : 2,4,6-1	•	-						
iked Analyte : 2,4,6-1	Tribromophenol	-						
iked Analyte : 2,4,6-1 ype of Spike : Surroga 09/21/94	Tribromophenol ate - Field Duplio G94-06-MW-03-	cate -FD	MSMSD140921080601	NA	194	218	ug/L	
iked Analyte : 2,4,6-1 ype of Spike : Surroga 09/21/94 09/27/94	Tribromophenol ate - Field Duplio G94-06-MW-03- G94-13-MW-37-	cate -FD -FD	MSMSD140927080202	NA	194	162	ug/L	83
iked Analyte : 2,4,6-1 ype of Spike : Surroga 09/21/94 09/27/94 09/21/94	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05-	cate -FD -FD -FD	MSMSD140927080202 MSMSD240921075701	NA NA	194 196	162 225	ug/L ug/L	83
ked Analyte : 2,4,6-1 ype of Spike : Surroga 09/21/94 09/27/94	Tribromophenol ate - Field Duplio G94-06-MW-03- G94-13-MW-37-	cate -FD -FD -FD	MSMSD140927080202	NA	194	162	ug/L	
09/21/94 09/21/94 09/21/94 09/21/94 09/28/94 09/28/94	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02-	cate -FD -FD -FD -FD -FD	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202	NA NA NA  Below accepta	194 196 204 	162 225	ug/L ug/L	83 1 95
ked Analyte : 2,4,6-1 /pe of Spike : Surroga 09/21/94 09/27/94 09/21/94 09/28/94 	Tribromophenol  ate - Field Duplic  G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02-  amples  very	-FD -FD -FD -FD -FD : 4 : 101	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202	NA NA NA Below accepta Above accepta	194 196 204 	162 225 194 	ug/L ug/L	
ked Analyte : 2,4,6-1 pe of Spike : Surroga  09/21/94  09/27/94  09/21/94  09/28/94  Number of Sa	Tribromophenol  ate - Field Duplic  G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02-  amples  very	cate -FD -FD -FD -FD -FD	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202	NA NA NA  Below accepta	194 196 204 	162 225 194	ug/L ug/L	
09/21/94 09/21/94 09/27/94 09/21/94 09/21/94 09/28/94 Number of Sa Mean % Recov	Tribromophenol  ate - Field Duplic  G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02-  amples  very	-FD -FD -FD -FD -FD : 4 : 101	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202	NA NA NA Below accepta Above accepta	194 196 204 	162 225 194 	ug/L ug/L	
09/21/94 09/21/94 09/27/94 09/21/94 09/28/94 09/28/94 09/28/94 09/28/94 Mean % Recov Standard Dev	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02	cate -FD -FD -FD - FD - 101 - 15.0	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202	NA NA NA Below accepta Above accepta	194 196 204 	162 225 194 	ug/L ug/L	
ked Analyte : 2,4,6-1 /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of Spike : Surrogal /pe of S	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02- amples very viation  - Semivolatile Or	cate  -FD -FD -FD -FD : 4 : 101 : 15.0	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202	NA NA NA Below accepta Above accepta	194 196 204 	162 225 194 	ug/L ug/L	
09/21/94 09/21/94 09/27/94 09/21/94 09/28/94 09/28/94 09/28/94 09/28/94 09/28/94 09/28/94 09/28/94 09/28/94 Mean % Recov Standard Dev	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02- amples very viation  - Semivolatile Or	cate  -FD -FD -FD -FD : 4 : 101 : 15.0	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202	NA NA NA Below accepta Above accepta Acceptance Cr	194 196 204 	162 225 194  0 0 0-123	ug/L ug/L ug/L	95
Number of Sa Method: SW8270 ked Analyte: 2,4,6-1	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02- amples very viation  - Semivolatile Or Tribromophenol ate - Laboratory C	cate  -FD -FD -FD -FD : 4 : 101 : 15.0	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202 	NA NA NA Selow accepta Above accepta Acceptance Cr	194 196 204 	162 225 194 	ug/L ug/L ug/L	95 
Number of Sa Method : Sw8270 ked Analyte : 2,4,6-1 09/21/94 09/27/94 09/21/94 09/28/94	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02	cate  -FD -FD -FD -FD : 4 : 101 : 15.0	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202  E	NA NA NA Below accepta Above accepta Acceptance Cr	194 196 204 	162 225 194  0 0 0-123	ug/L ug/L ug/L ug/L ug/L	95  88 85
### Number of Same of Spike : 2,4,6-1  ### 19/21/94  ### 19/21/94  ### 19/21/94  ### 19/21/94  ### 19/21/94  ### 19/21/94  ### 19/21/94  ### 19/21/94	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02- amples very viation  - Semivolatile Or Tribromophenol ate - Laboratory C  LCS946174 LCSD946174	cate  -FD -FD -FD -FD : 4 : 101 : 15.0	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202  E  A  MSMSD140921080601 MSMSD140921080601	NA NA NA Selow accepta Above accepta Acceptance Cr NA NA	194 196 204 	162 225 194 	ug/L ug/L ug/L ug/L ug/L ug/L	95
iked Analyte : 2,4,6-1 ype of Spike : Surroga  09/21/94  09/27/94  09/21/94  09/28/94  Number of Sa  Mean % Recov Standard Dev  Method : SW8270 iked Analyte : 2,4,6-T ype of Spike : Surroga  09/21/94  09/21/94  09/26/94	Tribromophenol ate - Field Duplic G94-06-MW-03- G94-13-MW-37- G94-09-MW-05- G94-05-MW-02	cate  -FD -FD -FD -FD : 4 : 101 : 15.0	MSMSD140927080202 MSMSD240921075701 MSMSD240927080202  E  A  MSMSD140921080601 MSMSD140921080601 MSMSD140926083300	NA NA NA Selow accepta Above accepta Acceptance Cr NA NA NA	194 196 204 	162 225 194 	ug/L ug/L ug/L ug/L ug/L	95  88 85 79

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270	- Semivolatile Organ	nics					
Spiked Analyte : 2,4,6-	Tribromophenol						
Type of Spike : Surrog	ate - Laboratory Cont	rol, cont.					
09/28/94	LCS946511	MSMSD140928081901	NA	200	173	ug/L	86.0
09/28/94	LCSD946511	MSMSD140928081901	NA	200	169	ug/L	85.0
09/21/94	LCS946355	MSMSD240921075701	NA	200	205	ug/L	102
09/21/94	LCSD946355	MSMSD240921075701	NA	200	227	ug/L	113
09/22/94	LCS946381	MSMSD240922082701	NA	200	218	ug/L	109
09/22/94	LCSD946381	MSMSD240922082701	NA	200	221	ug/L	111
09/27/94	LCS946438	MSMSD240927080202	NA	200	207	ug/L	103
09/27/94	LCS946458	MSMSD240927080201	NA	200	200	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	200	198	ug/L	99.0
09/27/94	LCSD946458	MSMSD240927080201	NA	200	202	ug/L	101

Number of Samples : 16 : 92.9 Mean % Recovery Standard Deviation

Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 10-123

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2,4,6-Tribromophenol Type of Spike : Surrogate - Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	NA	195	192	ug/L	98.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	193	187	ug/L	97.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	204	162	ug/L	80.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	196	160	ug/L	82.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	204	182	ug/L	89.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	184	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	225	ug/L	115
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	200	223	ug/L	112

Number of Samples : 95.9 Mean % Recovery Standard Deviation

Below acceptance : Above acceptance : Acceptance Criteria 10-123

DO = Diluted Out

0

0

ND = Not Detected NC = Not Calculable NS = Not Specified Date Compiled: 22 March 1995

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVED
Method : SW8270	- Semivolatile Organ	ics					
iked Analyte : 2,4,6-	Tribromophenol						
ype of Spike : Surrog	ate - Method Blank						
09/21/94	BLK943961	MSMSD140921080601	NA	200	177	ug/L	88
09/26/94	BLK944139	MSMSD140926083300	NA	200	148	ug/L	74.
09/27/94	BLK944201	MSMSD140927080202	NA	200	157	ug/L	78.
09/28/94	BLK944201	MSMSD140928081901	NA	200	184	ug/L	92
	BLK944071	MSMSD240921075701	NA	200	217	ug/L	10
09/21/94				200	196	ug/L	98.
09/21/94 09/22/94	BLK944096	MSMSD240922082701	NA	200	130	ug/ L	
• •	BLK944096 BLK944149	MSMSD240922082701 MSMSD240927080202	NA NA	200	179	ug/L	90.

Number of Samples : 8
Mean % Recovery : 91.0
Standard Deviation : 11.4

Below acceptance: 0
Above acceptance: 0
Acceptance Criteria 10-123

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,4,6-Tribromophenol
Type of Spike : Surrogate - Normal Sample

09/21/94	G94-02-GW-01	MSMSD140921080601	NA	193	186	ug/L	96.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	192	193	ug/L	100
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	204	212	ug/L	104
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	192	167	ug/L	87.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	196	206	ug/L	105
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	191	149	ug/L	78.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	192	155	ug/L	81.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	194	172	ug/L	89.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	189	153	ug/L	81.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	190	91.1	ug/L	48.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	195	178	ug/L	91.0
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	198	126	ug/L	63.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	196	170	ug/L	87.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	198	153	ug/L	77.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	198	169	ug/L	86.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	196	158	ug/L	80.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	194	146	ug/L	75.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	192	144	ug/L	75.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	194	166	ug/L	86.0

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
				÷			

Spiked Analyte : 2,4,6-Tribromophenol

Type of Spike : Surrogate - Normal Sample, cont.

09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	189	ug/L	96.0
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	189	206	ug/L	109
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	235	ug/L	120
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	196	231	ug/L	118
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	196	232	ug/L	118
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	198	226	ug/L	114
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	196	214	ug/L	109
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	200	219	ug/L	110
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	200	224	ug/L	112
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	200	220	ug/L	110
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	194	203	ug/L	105
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	190	210	ug/L	110
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	198	209	ug/L	106
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	200	179	ug/L	90.0

Number of Samples : 33 : 94.4 Mean % Recovery

: 17.2 Standard Deviation

Below acceptance : Above acceptance :

0

Acceptance Criteria 10-123

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorobiphenyl

Type of Spike : Surrogate - Field Duplicate

09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	97.1	96.7	ug/L	100
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	97.1	83.9	ug/L	86.0
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	98.0	92.1	ug/L	94.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	· NA	102	85.9	ug/L	84.0

Number of Samples : 91.0 Mean % Recovery Standard Deviation : 7.39

Below acceptance : Above acceptance :

0

Acceptance Criteria 43-116

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE

Spiked Analyte : 2-Fluorobiphenyl

Type of Spike : Surrogate - Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	83.1	ug/L	83.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	87.1	ug/L	87.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	91.8	ug/L	92.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	52.7	ug/L	53.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	90.0	ug/L	90.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	89.7	ug/L	90.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	93.3	ug/L	93.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	90.2	ug/L	90.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	54.5	ug/L	54.0
09/21/94	LCSD946355	MSMSD240921075701	NΑ	100	79.7	ug/L	80.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	85.4	ug/L	85.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	87.4	ug/L	87.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	75.4	ug/L	75.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	91.9	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	100	75.0	ug/L	75.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	90.7	ug/L	91.0

Number of Samples : 16 Mean % Recovery : 82.3 Standard Deviation : NC

Below acceptance : Above acceptance : 0

Acceptance Criteria 43-116

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorobiphenyl

Type of Spike : Surrogate - Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.6	88.5	ug/L	92.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	97.6	87.0	ug/L	89.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	98.0	93.6	ug/L	96.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	102	93.7	ug/L	92.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	102	92.5	ug/L	91.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	93.2	ug/L	95.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	100	94.1	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	93.5	ug/L	96.0

Number of Samples : 8
Mean % Recovery : 93.1 Standard Deviation : 2.53 Below acceptance : 0
Above acceptance : 0

Acceptance Criteria 43-116

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : 2-Fluorobiphenyl

Type of Spike : Surrogate - Method Blank

09/21/94	BLK943961	MSMSD140921080601	NA	100	84.9	ug/L	85. <b>0</b>
09/26/94	BLK944139	MSMSD140926083300	NA	100	52.5	ug/L	52.0
09/27/94	BLK944201	MSMSD140927080202	NA	100	87.8	ug/L	88.0
09/28/94	BLK944201	MSMSD140928081901	NA	100	86.3	ug/L	86.0
09/21/94	BLK944071	MSMSD240921075701	NA	100	78.1	ug/L	78.0
09/22/94	BLK944096	MSMSD240922082701	NA	100	68.8	ug/L	69.0
09/27/94	BLK944149	MSMSD240927080202	NA	100	71.0	ug/L	71.0
09/27/94	BLK944165	MSMSD240927080201	NA	100	91.6	ug/L	92.0

Number of Samples Mean % Recovery : 77.6 Standard Deviation : 13.2 Below acceptance : Above acceptance : 0 Acceptance Criteria 43-116

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorobiphenyl

Type of Spike : Surrogate - Normal Sample

09/21/94	G94-02-GW-01	MSMSD140921080601	NA	96.6	85.6	ug/L	89.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	96.2	82.4	ug/L	86.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	102	94.7	ug/L	93.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.2	75.2	ug/L	78.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	98.0	87.9	ug/L	90.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	95.7	61.8	ug/L	65.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	96.2	66.5	ug/L	69.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	97.1	71.8	ug/L	74.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	94.3	71.0	ug/L	75.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	95.2	39.3	ug/L	41.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA ·	97.6	98.1	ug/L	101
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	99.0	69.6	ug/L	70.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	98.0	93.0	ug/L	95.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	99.0	88.3	ug/L	89.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	99.0	89.7	ug/L	91.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	98.0	85.2	ug/L	87.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	97.1	74.6	ug/L	77.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	96.2	85.0	ug/L	88.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	97.1	87.4	ug/L	90.0

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
	****						
Method : SW8270	) - Semivolatile Organi	CS					
Spiked Analyte : 2-Fluo	robiphenyl						
Type of Spike : Surrog	ate - Normal Sample, c	ont.					
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	92.6	ug/L	94
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	94.3	86.4	ug/L	92
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	99.6	ug/L	10
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	98.0	92.3	ug/L	94
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	98.0	91.8	ug/L	94
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	99.0	91.6	ug/L	92
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	98.0	90.5	ug/L	92
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	100	92.0	ug/L	92
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	100	92.3	ug/L	92
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	100	91.4	ug/L	91
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	97.1	77.7	ug/L	80
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	95.2	85.9	ug/L	90.

MSMSD240922082701

MSMSD240927080202 NA

G94-05-MW-13

G94-05-MW-03

Below acceptance :

99.**0** 

100

Number of Samples : 33 Mean % Recovery : 85.9 Standard Deviation : 12.0

Above acceptance : 0

NA

Acceptance Criteria 43-116

92.9

86.7

ug/L

ug/L

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

09/22/94

09/28/94

Type of Spike : Surrogate - Field Duplicate

09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	194	193	ug/L	99.0
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	194	128	ug/L	66.0
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	196	174	ug/L	89.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	204	126	ug/L	62.0

Number of Samples

: 4

Below acceptance :

Mean % Recovery : 79.0 Standard Deviation : 17.9

Above acceptance : 0

Acceptance Criteria 21-139

94.0

87.0

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	200	187	ug/L	93.0
09/21/94	LCSD946174	MSMSD140921080601	NA	200	188	ug/L	94.0
09/26/94	LCS946427	MSMSD140926083300	NA	200	182	ug/L	91.0
09/26/94	LCSD946427	MSMSD140926083300	NA	200	180	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	200	139	ug/L	70.0
09/27/94	LCSD946511	MSMSD140927080202	NA	200	123	ug/L	62.0
09/28/94	LCS946511	MSMSD140928081901	NA	200	136	ug/L	68.0
09/28/94	LCSD946511	MSMSD140928081901	NA	200	122	ug/L	61.0
09/21/94	LCS946355	MSMSD240921075701	NA	200	182	ug/L	91.0
09/21/94	LCSD946355	MSMSD240921075701	NA	200	187	ug/L	94.0
09/22/94	LCS946381	MSMSD240922082701	NA	200	121	ug/L	60.0
09/22/94	LCSD946381	MSMSD240922082701	NA	200	116	ug/L	58.0
09/27/94	LCS946438	MSMSD240927080202	NA	200	122	ug/L	61.0
09/27/94	LCS946458	MSMSD240927080201	NA	200	184	ug/L	92.0
09/27/94	LCSD946438	MSMSD240927080202	NA	200	136	ug/L	68.0
09/27/94	LCSD946458	MSMSD240927080201	NA	200	185	ug/L	93.0

Number of Samples : 16 Below acceptance : : 77.9 : NC Mean % Recovery Above acceptance : 0 Standard Deviation Acceptance Criteria 21-139

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	NA	195	173	ug/L	89.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	193	169	ug/L	88.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	196	129	ug/L	66.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	204	126	ug/L	62.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	131	ug/L	67.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	204	130	ug/L	64.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	173	ug/L	88.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	200	179	ug/L	90.0

Number of Samples Below acceptance : Mean % Recovery : 76.8 Above acceptance : Standard Deviation : 12.9 Acceptance Criteria 21-139

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

0

0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED.	UNIT	RECOVE
****							
Method : SW8270	- Semivolatile Organ	ics					
oiked Analyte : 2-Fluo	rophenol						
Type of Spike : Surrog	ate - Method Blank						
09/21/94	BLK943961	MSMSD140921080601	NA	200	191	ug/L	96.
09/26/94	BLK944139	MSMSD140926083300	NA	200	175	ug/L	88.
09/27/94	BLK944201	MSMSD140927080202	NA	200	121	ug/L	60.
09/28/94	BLK944201	MSMSD140928081901	NA	200	117	ug/L	59.
09/21/94	BLK944071	MSMSD240921075701	NA	200	188	ug/L	94.
09/22/94	BLK944096	MSMSD240922082701	NA	200	104	ug/L	52.
09/27/94	BLK944149	MSMSD240927080202	NA	200	112	ug/L	56.
09/27/94	BLK944165	MSMSD240927080201	NA	200	191	ug/L	95.

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 75.0 Above acceptance : 0
Standard Deviation : 19.8 Acceptance Criteria 21-139

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Normal Sample

09/21/94	G94-02-GW-01	MSMSD140921080601	NA	193	172	ug/L	89.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	192	179	ug/L	93.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	204	190	ug/L	93.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	192	163	ug/L	85.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	196	175	ug/L	89.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	191	155	ug/L	81.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	192	152	ug/L	79.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	194	170	ug/L	88.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	189	163	ug/L	86.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	190	120	ug/L	63.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	195	194	ug/L	100
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	198	70.8	ug/L	36.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	196	127	ug/L	65.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	198	92.6	ug/L	47.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	198	124	ug/L	63.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	196	119	ug/L	60.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	194	91.3	ug/L	47.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	192	86.1	ug/L	45.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	194	128	ug/L	66.0
						-	

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
				3F1KLD			
	- Semivolatile Organi	cs					
oiked Analyte : 2-Fluo	•	4					
Type of Spike : Surrog	ate - Normai Sampie, c	ont.					
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	118	ug/L	60.
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	189	160	ug/L	85.
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	179	ug/L	92
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	196	174	ug/L	89
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	196	170	ug/L	87
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	198	179	ug/L	91
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	196	165	ug/L	84
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	200	174	ug/L	87
09/21/94 .	G94-09-MW-05	MSMSD240921075701	NA	200	181	ug/L	90
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	200	170	ug/L	85
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	194	168	ug/L	86
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	190	167	ug/L	88
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	198	130	ug/L	66.
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	200	84.8	ug/L	42.

: 76.0

: 17.7

Spiked Analyte : Nitrobenzene-d5

Type of Spike : Surrogate - Field Duplicate

Mean % Recovery

Standard Deviation

09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	97.1	100	ug/L	103
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	97.1	94.0	ug/L	97.0
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	98.0	94.0	ug/L	96.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	102	90.2	ug/L	88.0

Above acceptance :

Acceptance Criteria 21-139

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 96.0 Above acceptance : 0
Standard Deviation : 6.16 Acceptance Criteria 35-114

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED 	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVEDY
	) - Semivolatile Organ	ics					
Spiked Analyte : Nitrob Type of Spike : Surroo		1					
Type of Spike : Surrog	gate - Laboratory Cont	roi					
09/21/94	LCS946174	MSMSD140921080601	NA	100	96.1	ug/L	96.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	92.3	ug/L	92.0
09/26/94	LCS946427	MSMSD140926083300	NA	100	91.7	ug/L	92.0
09/26/94	LCSD946427	MSMSD140926083300	NA	100	86.3	ug/L	86.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	91.8	ug/L	92.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	91.2	ug/L	91.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	92.2	ug/L	92.0
09/28/94	LCSD946511	MSMSD140928081901	NA	100	91.1	ug/L	91.0
09/21/94	LCS946355	MSMSD240921075701	NA	100	94.0	ug/L	94.0
09/21/94	LCSD946355	MSMSD240921075701	NA	100	98.2	ug/L	98.0
09/22/94	LCS946381	MSMSD240922082701	NA	100	96.1	ug/L	96.0
09/22/94	LCSD946381	MSMSD240922082701	NA	100	92.1	ug/L	92.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	91.2	ug/L	91.0
09/27/94	LCS946458	MSMSD240927080201	NA	100	100	ug/L	100
09/27/94	LCSD946438	MSMSD240927080202	NA	100	99.5	ug/L	100
09/27/94	LCSD946458	MSMSD240927080201	NA	100	98.6	ug/L	99.0

Number of Samples : 16 Mean % Recovery : 93.9 Standard Deviation : NC Below acceptance : Above acceptance : 0 Acceptance Criteria 35-114

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Nitrobenzene-d5

Type of Spike : Surrogate - Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	NA	97.6	94.5	ug/L	97.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.6	90.4	ug/L	94.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	102	94.2	ug/L	92.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	98.0	92.5	ug/L	94.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	91.8	ug/L	94.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	102	95.4	ug/L	94.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	92.7	ug/L	95.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	100	95.4	ug/L	95.0

Number of Samples : 8 Below acceptance : 0 Mean % Recovery : 94.4 Above acceptance : 0 : 1.41 Standard Deviation Acceptance Criteria 35-114

	DATE	0.0001.5.70	247011 72	ORIG.	AMOUNT	AMOUNT	RESULT	%
AN	ALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Meth	od : SW8270 -	Semivolatile Organics						
Spiked Analy	te : Nitrobenz	ene-d5						
Type of Spi	ke : Surrogate	- Method Blank						
09	/21/94	BLK943961	MSMSD140921080601	NA	100	94.3	ug/L	94.0
09	/26/94	BLK944139	MSMSD140926083300	NA	100	83.5	ug/L	84.0
09	/27/94	BLK944201	MSMSD140927080202	NA	100	91.0	ug/L	91.0
09	/28/94	BLK944201	MSMSD140928081901	NA	100	89.6	ug/L	90.0
09	/21/94	BLK944071	MSMSD240921075701	NA	100	97.5	ug/L	98.0
09	/22/94	BLK944096	MSMSD240922082701	NA	100	78.2	ug/L	78.0
09	/27/94	BLK944149	MSMSD240927080202	NA	100	83.7	ug/L	84.0
09	/27/94	BLK944165	MSMSD240927080201	NA	100	104	ug/L	104

Number of Samples : 8
Mean % Recovery : 90.4
Standard Deviation : 8.38 Below acceptance : 0 Above acceptance : 0 Acceptance Criteria 35-114

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Nitrobenzene-d5

Type of Spike : Surrogate - Normal Sample

09/21/94	G94-02-GW-01	MSMSD140921080601	NA	96.6	88.6	ug/L	92.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	96.2	90.8	ug/L	94.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	102	101	ug/L	99.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.2	84.4	ug/L	88.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	98.0	89.9	ug/L	92.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	95.7	77.2	ug/L	81.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	96.2	76.4	ug/L	79.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	97.1	87.3	ug/L	90.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	94.3	85.0	ug/L	90.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	95.2	75.4	ug/L	79.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	97.6	92.7	ug/L	95.0
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	99.0	92.6	ug/L	94.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	98.0	104	ug/L	106
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	99.0	87.6	ug/L	88.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	99.0	90.4	ug/L	91.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	98.0	83.0	ug/L	85.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	97.1	93.6	ug/L	96.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	96.2	97.7	ug/L	102
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	97.1	90.4	ug/L	93.0

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT	RESULT	% DECOVER
				**************************************	371750	RECOVERED	UNIT	RECOVE
Method : SW8270 ked Analyte : Nitrobe		Organics						
ype of Spike : Surroga		ple, cont.						
09/28/94	G94-13-MW-3	7	MSMSD140928081901	NA	98.0	92.4	ug/L	94
09/21/94	G94-05-MW-0	6	MSMSD240921075701	NA	94.3	85.4	ug/L	90
09/21/94	G94-06-MW-0	2	MSMSD240921075701	NA	97.6	99.2	ug/L	10
09/21/94	G94-06-MW-0		MSMSD240921075701	NA	98.0	96.2	ug/L	98.
09/21/94	G94-06-MW-0	6	MSMSD240921075701	NA	98.0	91.0	ug/L	93
09/21/94	G94-09-MW-0	1	MSMSD240921075701	NA	99.0	93.2	ug/L	94.
09/21/94	G94-09-MW-0	2	MSMSD240921075701	NA	98.0	89.2	ug/L	91
09/21/94	G94-09-MW-0	3	MSMSD240921075701	NA	100	93.2	ug/L	93
09/21/94	G94-09-MW-0	5	MSMSD240921075701	NA	100	98.8	ug/L	99
09/21/94	G94-09-MW-0	6	MSMSD240921075701	NA	100	90.9	ug/L	91
09/21/94	G94-09-MW-1	5	MSMSD240921075701	NA	97.1	92.9	ug/L	96
09/21/94	G94-10-MW-0	3	MSMSD240921075701	NA	95.2	89.3	ug/L	94.
09/22/94	G94-05-MW-1	3	MSMSD240922082701	NA	99.0	94.0	ug/L	95.
09/28/94	G94-05-MW-0	3	MSMSD240927080202	NA	100	89.5	ug/L	90.
Number of Sa	mples	: 33		Below accepta	ance :	0		
Mean % Recov	rery	: 92.5		Above accepta	ance :	0		
Standard Dev	riation	: 6.00		Acceptance Ci	riteria 3	35-114		4
Method : SW8270		Organics						
ked Analyte : Phenol-								
pe of Spike : Surroga	te - Field Dupl	icate						
09/21/94	G94-06-MW-0	3~ <b>F</b> D	MSMSD140921080601	NA	194	203	ug/L	10
09/27/94	G94-13-MW-3	7-FD	MSMSD140927080202	NA	194	86.8	ug/L	45.
09/21/94	G94-09-MW-0	5-FD	MSMSD240921075701	NA	196	177	ug/L	90.
09/28/94	G94-05-MW-0	2-FD	MSMSD240927080202	NA	204	87.2	ug/L	43.
Number of Sa		: 4		Below accepta		0		

Above acceptance :

Acceptance Criteria 4-162

0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report D0 = Diluted Out

: 70.8

: 31.5

Mean % Recovery

Standard Deviation

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Phenol-d5

Type of Spike : Surrogate - Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	200	190	ug/L	95.0
09/21/94	LCSD946174	MSMSD140921080601	NA	200	190	ug/L	95.0
09/26/94	LCS946427	MSMSD140926083300	NA	200	188	ug/L	94.0
09/26/94	LCSD946427	MSMSD140926083300	NA -	200	180	ug/L	90.0
09/27/94	LCS946511	MSMSD140927080202	NA	200	92.0	ug/L	46.0
09/27/94	LCSD946511	MSMSD140927080202	NA	200	81.2	ug/L	41.0
09/28/94	LCS946511	MSMSD140928081901	NA	200	90.3	ug/L	45.0
09/28/94	LCSD946511	MSMSD140928081901	NA	200	79.6	ug/L	40.0
09/21/94	LCS946355	MSMSD240921075701	NA	200	184	ug/L	92.0
09/21/94	LCSD946355	MSMSD240921075701	NA	200	190	ug/L	95.0
09/22/94	LCS946381	MSMSD240922082701	NA	200	81.5	ug/L	41.0
09/22/94	LCSD946381	MSMSD240922082701	NA	200	76.8	ug/L	38.0
09/27/94	LCS946438	MSMSD240927080202	NA	200	85.2	ug/L	43.0
09/27/94	LCS946458	MSMSD240927080201	NA	200	190	ug/L	95.0
09/27/94	LCSD946438	MSMSD240927080202	NA	200	91.6	ug/L	46.0
09/27/94	LCSD946458	MSMSD240927080201	NA	200	190	ug/L	95.0

: 16 Number of Samples : 68.2 : NC Mean % Recovery Standard Deviation

Below acceptance : 0 Above acceptance : Acceptance Criteria 4-162

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Phenol-d5

Type of Spike : Surrogate - Matrix Spike

09/21/94	G94-06-MW-03	MSMSD140921080601	NA	193	173	ug/L	90.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	195	175	ug/L	90.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	196	85.6	ug/L	44.0
09/27/94	G94-13-MW-37	MSMSD140927080202	NA	204	83.7	ug/L	41.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	86.9	ug/L	44.0
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	204	84.5	ug/L	41.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	180	ug/L	92.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	200	184	ug/L	92.0

Number of Samples : 8
Mean % Recovery : 66.8
Standard Deviation : 26.0 Below acceptance : Above acceptance : Acceptance Criteria 4-162

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER

Spiked Analyte : Phenol-d5

Type of Spike : Surrogate - Method Blank

09/21/94	BLK943961	MSMSD140921080601	NA	200	194	ug/L	97.0
09/26/94	BLK944139	MSMSD140926083300	NΑ	200	180	ug/L	90.0
09/27/94	BLK944201	MSMSD140927080202	NA	200	78.8	ug/L	39.0
09/28/94	BLK944201	MSMSD140928081901	NA	200	76.1	ug/L	38.0
09/21/94	BLK944071	MSMSD240921075701	NA	200	196	ug/L	98.0
09/22/94	BLK944096	MSMSD240922082701	NA	200	69.7	ug/L	35.0
09/27/94	BLK944149	MSMSD240927080202	NA	200	77.5	ug/L	39.0
09/27/94	BLK944165	MSMSD240927080201	NA	200	195	ug/L	98.0

Number of Samples : 8 : 66.8 Mean % Recovery Standard Deviation : 31.1

Below acceptance : Above acceptance : Acceptance Criteria

4-162

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Phenol-d5

Type of Spike : Surrogate - Normal Sample

09/21/94	G94-02-GW-01	MSMSD140921080601	NA	193	176	ug/L	91.0
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	192	191	ug/L	99.0
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	204	200	ug/L	98.0
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	192	174	ug/L	90.0
09/21/94	G94-09-MW-04	MSMSD140921080601	NΑ	196	185	ug/L	94.0
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	191	158	ug/L	83.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	192	159	ug/L	83.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	194	180	ug/L	93.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	189	172	ug/L	91.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	190	118	ug/L	62.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	195	189	ug/L	97.0
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	198	67.9	ug/L	34.0
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	196	86.5	ug/L	44.0
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	198	63.0	ug/L	32.0
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	198	90.3	ug/L	46.0
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	196	81.1	ug/L	41.0
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	194	68.3	ug/L	35.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	192	66.8	ug/L	35.0
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	194	86.4	ug/L	44.0

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	. BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : Phenol-d5

Type of Spike : Surrogate - Normal Sample, cont.

09/28/94	G94-13-MW-37	MSMSD140928081901	NA	196	76.8	ug/L	39.0
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	189	163	ug/L	86.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	195	190	ug/L	97.0
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	196	177	ug/L	90.0
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	196	176	ug/L	90.0
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	198	181	ug/L	91.0
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	196	168	ug/L	86.0
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	200	174	ug/L	87.0
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	200	179	ug/L	89.0
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	200	174	ug/L	87.0
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	194	174	ug/L	89.0
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	190	166	ug/L	87.0
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	198	88.5	ug/L	45.0
09/28/94	G94-05-MW-03	MSMSD240927080202	NA	200	58.6	ug/L	29.0

Number of Samples : 33 : 72.2 Mean % Recovery : 25.2 Standard Deviation

Below acceptance : Above acceptance :

Acceptance Criteria 4-162

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Field Duplicate

09/21/94	G94-06-MW-03-FD	MSMSD140921080601	NA	97.1	110	ug/L	113
09/27/94	G94-13-MW-37-FD	MSMSD140927080202	NA	97.1	103	ug/L	106
09/21/94	G94-09-MW-05-FD	MSMSD240921075701	NA	98.0	91.6	ug/L	93.0
09/28/94	G94-05-MW-02-FD	MSMSD240927080202	NA	102	96.3	ug/L	94.0

Number of Samples : 102 Mean % Recovery Standard Deviation : 9.68

Below acceptance : 0 Above acceptance :

Acceptance Criteria 33-141

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

					~~		
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Laboratory Control

09/21/94	LCS946174	MSMSD140921080601	NA	100	97.1	ug/L	97.0
09/21/94	LCSD946174	MSMSD140921080601	NA	100	100	ug/L	100
09/26/94	LCS946427	MSMSD140926083300	NA	100	102	ug/L	102
09/26/94	LCSD946427	MSMSD140926083300	NA	100	89.1	ug/L	89.0
09/27/94	LCS946511	MSMSD140927080202	NA	100	96.9	ug/L	97.0
09/27/94	LCSD946511	MSMSD140927080202	NA	100	95.6	ug/L	96.0
09/28/94	LCS946511	MSMSD140928081901	NA	100	101	ug/L	101
09/28/94	LCSD946511	MSMSD140928081901	NA	100	99.6	ug/L	100
09/21/94	LCS946355	MSMSD240921075701	NA	100	99.3	ug/L	99. <b>0</b>
09/21/94	LCSD946355	MSMSD240921075701	NA	100	104	ug/L	104
09/22/94	LCS946381	MSMSD240922082701	NA	100	100	ug/L	100
09/22/94	LCSD946381	MSMSD240922082701	NA	100	99.4	ug/L	99.0
09/27/94	LCS946438	MSMSD240927080202	NA	100	99.6	ug/L	100
09/27/94	LCS946458	MSMSD240927080201	NA	100	101	ug/L	101
09/27/94	LCSD946438	MSMSD240927080202	NA	100	96.3	ug/L	96.0
09/27/94	LCSD946458	MSMSD240927080201	NA	100	97.1	ug/L	97.0

Number of Samples Mean % Recovery : 90... : NC : 98.6

Below acceptance : Above acceptance : 0

Standard Deviation

Acceptance Criteria 33-141

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Matrix Spike

G94-06-MW-03	MSMSD140921080601	NA	96.6	97.5	ug/L	101
G94-06-MW-03	MSMSD140921080601	NA	97.6	94.8	ug/L	97.0
G94-13-MW-37	MSMSD140927080202	NA	98.0	97.9	ug/L	100
G94-13-MW-37	MSMSD140927080202	NA	102	98.3	ug/L	96.0
G94-13-MW-37	MSMSD140928081901	NA	102	103	ug/L	101
G94-13-MW-37	MSMSD140928081901	NA	98.0	93.8	ug/L	96.0
G94-06-MW-02	MSMSD240921075701	NA	100	97.2	ug/L	97.0
G94-06-MW-02	MSMSD240921075701	NA	97.6	95.8	ug/L	98.0
	G94-06-MW-03 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-13-MW-37 G94-06-MW-02	G94-06-MW-03 MSMSD140921080601 G94-13-MW-37 MSMSD140927080202 G94-13-MW-37 MSMSD140927080202 G94-13-MW-37 MSMSD140928081901 G94-06-MW-02 MSMSD140928081901	G94-06-MW-03 MSMSD140921080601 NA G94-13-MW-37 MSMSD140927080202 NA G94-13-MW-37 MSMSD140927080202 NA G94-13-MW-37 MSMSD140928081901 NA G94-13-MW-37 MSMSD140928081901 NA G94-06-MW-02 MSMSD240921075701 NA	G94-06-MW-03 MSMSD140921080601 NA 97.6 G94-13-MW-37 MSMSD140927080202 NA 98.0 G94-13-MW-37 MSMSD140927080202 NA 102 G94-13-MW-37 MSMSD140928081901 NA 102 G94-13-MW-37 MSMSD140928081901 NA 98.0 G94-06-MW-02 MSMSD240921075701 NA 100	G94-06-MW-03 MSMSD140921080601 NA 97.6 94.8 G94-13-MW-37 MSMSD140927080202 NA 98.0 97.9 G94-13-MW-37 MSMSD140927080202 NA 102 98.3 G94-13-MW-37 MSMSD140928081901 NA 102 103 G94-13-MW-37 MSMSD140928081901 NA 98.0 93.8 G94-06-MW-02 MSMSD240921075701 NA 100 97.2	G94-06-MW-03 MSMSD140921080601 NA 97.6 94.8 ug/L G94-13-MW-37 MSMSD140927080202 NA 98.0 97.9 ug/L G94-13-MW-37 MSMSD140927080202 NA 102 98.3 ug/L G94-13-MW-37 MSMSD140928081901 NA 102 103 ug/L G94-13-MW-37 MSMSD140928081901 NA 98.0 93.8 ug/L G94-06-MW-02 MSMSD240921075701 NA 100 97.2 ug/L

Number of Samples : 8 Mean % Recovery : 98.3 Standard Deviation : 2.12 Below acceptance :
Above acceptance : 0 0 Acceptance Criteria 33-141

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

!								
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Method Blank

09/21/94	BLK943961	MSMSD140921080601	NA	100	101	ug/L	101
09/26/94	BLK944139	MSMSD140926083300	NA	100	96.2	ug/L	96.0
09/27/94	BLK944201	MSMSD140927080202	NA	100	105	ug/L	105
09/28/94	BLK944201	MSMSD140928081901	NA	100	102	ug/L	102
09/21/94	BLK944071	MSMSD240921075701	NA	100	102	ug/L	102
09/22/94	BLK944096	MSMSD240922082701	NA	100	91.2	ug/L	91.0
09/27/94	BLK944149	MSMSD240927080202	NA	100	86.8	ug/L	87.0
09/27/94	BLK944165	MSMSD240927080201	NA	100	98.1	ug/L	98.0

Number of Samples : 8 Below acceptance : 0
Mean % Recovery : 97.8 Above acceptance : 0
Standard Deviation : 6.14 Acceptance Criteria 33-141

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Normal Sample

09/21/94	G94-02-GW-01	MSMSD140921080601	NA	96.6	96.1	ug/L	100
09/21/94	G94-02-GW-03	MSMSD140921080601	NA	96.2	103	ug/L	107
09/21/94	G94-02-GW-04	MSMSD140921080601	NA	102	111	ug/L	109
09/21/94	G94-06-MW-03	MSMSD140921080601	NA	96.2	95.7	ug/L	100
09/21/94	G94-09-MW-04	MSMSD140921080601	NA	98.0	103	ug/L	105
09/26/94	G94-06-MW-01	MSMSD140926083302	NA	95.7	93.2	ug/L	97.0
09/26/94	G94-10-MW-01	MSMSD140926083302	NA	96.2	93.4	ug/L	97.0
09/27/94	G94-06-MW-04	MSMSD140926083302	NA	97.1	94.3	ug/L	97.0
09/27/94	G94-06-MW-07	MSMSD140926083302	NA	94.3	91.9	ug/L	97.0
09/27/94	G94-09-MW-08	MSMSD140926083302	NA	95.2	69.1	ug/L	73.0
09/27/94	G94-09-MW-12	MSMSD140926083302	NA	97.6	97.8	ug/L	100
09/27/94	G94-05-MW-05	MSMSD140927080202	NA	99.0	110	ug/L	111
09/27/94	G94-05-MW-11	MSMSD140927080202	NA	98.0	105	ug/L	107
09/27/94	G94-05-MW-15	MSMSD140927080202	NA	99.0	100	ug/L	101
09/27/94	G94-13-MW-38	MSMSD140927080202	NA	99.0	103	ug/L	105
09/28/94	G94-05-MW-02	MSMSD140927080202	NA	98.0	98.8	ug/L	101
09/28/94	G94-05-MW-04	MSMSD140927080202	NA	97.1	94.3	ug/L	97.0
09/28/94	G94-05-MW-07	MSMSD140927080202	NA	96.2	101	ug/L	105
09/28/94	G94-05-MW-14	MSMSD140927080202	NA	97.1	106	ug/L	110

TABLE A-2.1 DETAILED LISTING OF LIQUID SPIKE RESULTS - WATER SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8270	) - Semivolatile Organi	cs					
Spiked Analyte : Terphe	enyl-d14						
Type of Spike : Surrog	gate - Normal Sample, c	ont.					
09/28/94	G94-13-MW-37	MSMSD140928081901	NA	98.0	104	ug/L	106
09/21/94	G94-05-MW-06	MSMSD240921075701	NA	94.3	85.0	ug/L	90.0
09/21/94	G94-06-MW-02	MSMSD240921075701	NA	97.6	101	ug/L	104
09/21/94	G94-06-MW-05	MSMSD240921075701	NA	98.0	96.9	ug/L	99.0
09/21/94	G94-06-MW-06	MSMSD240921075701	NA	98.0	91.7	ug/L	94.0
09/21/94	G94-09-MW-01	MSMSD240921075701	NA	99.0	90.9	ug/L	92.0
09/21/94	G94-09-MW-02	MSMSD240921075701	NA	98.0	91.0	ug/L	93.0
09/21/94	G94-09-MW-03	MSMSD240921075701	NA	100	90.2	ug/L	90.0
09/21/94	G94-09-MW-05	MSMSD240921075701	NA	100	88.3	ug/L	88.0
09/21/94	G94-09-MW-06	MSMSD240921075701	NA	100	90.2	ug/L	90.0
09/21/94	G94-09-MW-15	MSMSD240921075701	NA	97.1	93.7	ug/L	96.0
09/21/94	G94-10-MW-03	MSMSD240921075701	NA	95.2	86.8	ug/L	91.0
09/22/94	G94-05-MW-13	MSMSD240922082701	NA	99.0	95.9	ug/L	97.0

MSMSD240927080202

Number of Samples : 33 Mean % Recovery : 98.3 Standard Deviation : 7.79

G94-05-MW-03

09/28/94

Below acceptance : Above acceptance : 0 Acceptance Criteria 33-141

100

NA

94.0

ug/L

94.0

## ATTACHMENT C - APPENDIX B

Table A-2.2

Detailed Listing of Liquid Spike Results - 1994 Soil Samples

DATE ORIG. AMOUNT AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Gasoline Range Organics
Type of Spike : Laboratory Control

10/01/94 Lab Control Duplicate 58743C01 NA 6.00 5.70 % 95.0 10/01/94 Lab Control Sample 58743C01 NA 6.00 5.40 % 90.0

Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 92.5 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 75-125

Method: AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Equipment Blank

10/01/94 G94-DD-SS-03-EB 58743C01 NA 25.0 24.0 ug/L 97.0 10/01/94 G94-P0-SS-02-EB 58743C01 NA 25.0 24.0 ug/L 98.0

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 97.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 60-120

Method : AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Method Blank

10/01/94 METHOD BLANK 58743C01 NA 25.0 24.0 ug/L 96.0

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 96.0 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 60-120

Method: AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Trip Blank

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report D0 = Diluted Out

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
			*-4			****	

Method: AK101 - Gasoline Range Organics

Spiked Analyte : Trifluorotoluene

Type of Spike : Surrogate - Trip Blank, cont.

 10/01/94	G94-TB-09		58743C01		NA	25.0	24.0	ug/L	96.0
Number of Samp	oles	:	1	Be]	ow accep	tance :	0	*	
Mean % Recover	<b>-</b> y	:	96.0	Abo	ve accep	tance :	0		
Standard Devia	ation	:	NC	Acc	eptance	Criteria	60-120		

Method: AK102 - Diesel Range Organics

Spiked Analyte : Diesel Range Organics Type of Spike : Laboratory Control

09/29/94	Lab Control Duplicate	58743D01	NA	100	99.0	%	99.0
09/29/94	Lab Control Sample	58743D01	NA	100	117	%	117

Number of Samples 0 Below acceptance : Above acceptance : Mean % Recovery : 108 0 Standard Deviation : NC Acceptance Criteria 75-125

Method : AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Equipment Blank

10/01/94	G94-DD-SS-03-EB	58743D01	NA	25.0	22.0	ug/L	96.0
10/01/94	G94-P0-SS-02-EB	58743D01	NA	25.0	21.0	ug/L	76.0

Number of Samples : 2 Below acceptance : Mean % Recovery : 86.0 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 60-120

Method : AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Laboratory Control

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG.		NT AMOUNT ED RECOVERED	RESULT UNIT	% RECOVER
iked Ana	thod : AK102 - lyte : Tetracos	ane	-							
	pike : Surrogat	_								
		Lab Control				NA NA	27.0	30.0	% «	11 11
	09/29/94 	Lab Control	عد		58743D01	NA 	27.0	31.0	% 	
	Number of Sam	ples	:	2		Below acc	ceptance :	0		
	Mean % Recove	ry	:	113		Above acc	ceptance :	0		
	Standard Devi	ation	:	NC		Acceptanc	ce Criteria	60-120		
		·								
	thod : SW6010 -									
	lyte : Aluminum									
Type of S	pike : Laborato	ry Control								
	10/05/94	LCS946637			EMJA6141005100004	NA	50.0	44.0	mg/L	88.
	10/05/94	LCS946664			EMJA6141005100004	NA	50.0	44.5	mg/L	89.
	10/05/94	LCSD946637			EMJA6141005100004	NA	50.0	44.3	mg/L	89.
	10/05/94	LCSD946664			EMJA6141005100004	NA	50.0	44.6	mg/L	89.
	10/13/94	LCS946909			EMJA6141013184501	NA	10.0	10.0	mg/L	10
:	10/13/94	LCSD946909			EMJA6141013184501	NA	10.0	9.96	mg/L	10
	Number of Sam	 ples	:	6		Below acc	eptance :	0		
	Mean % Recove			92.5			eptance :	0		
	Standard Devi	-		5.82			e Criteria	80-120		

Method : SW6010 - Metals Spiked Analyte : Antimony

Type of Spike : Laboratory Control

10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.819	mg/L	82.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.814	mg/L	81.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.903	mg/L	90.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.894	mg/L	89.0
- 10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.970	mg/L	97.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.979	mg/L	98.0

Number of Samples : 6 Below acceptance : 0
Mean % Recovery : 89.5 Above acceptance : 0
Standard Deviation : 7.18 Acceptance Criteria 80-120

ANALYZED	SAMPLE ID	3	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
Method : SW6010	- Metals							
iked Analyte : Arsenic								
ype of Spike : Laborat	tory Control							
10/05/94	LCS946637		EMJA6141005100004	NA	1.00	0.880	mg/L	88
10/05/94	LCS946664		EMJA6141005100004	NA	1.00	0.872	mg/L	8
10/05/94	LCSD946637		EMJA6141005100004	NA	1.00	0.874	mg/L	8
10/05/94	LCSD946664		EMJA6141005100004	NA	1.00	0.809	mg/L	83
10/13/94	LCS946909	٠	EMJA6141013184501	NA	1.00	0.958	mg/L	96
10/13/94	LCSD946909		EMJA6141013184501	NA	1.00	0.978	mg/L	98
Number of Sa	mples	: 6		Below accept	 ance :	0		
Mean % Recov	•	: 89.5		Above accept		0		
Standard Dev	riation	: 6.35		Acceptance C		30-120		
				,				
Method : SW6010	- Metals							
iked Analyte : Barium								
ype of Spike : Laborat	ory Control							
10/05/94	LCS946637		EMJA6141005100004	NA	1.00	0.912	mg/L	9]
10/05/94	LCS946664		EMJA6141005100004	NΑ	1.00	0.916	mg/L	92
	LCSD946637		EMJA6141005100004	NA	1.00	0.919		
10/05/94							mq/L	92
10/05/94 10/05/94	LCSD946664		EMJA6141005100004	NA	1.00	0.922	mg/L mg/L	
			EMJA6141005100004 EMJA6141013184501	NA NA	1.00 1.00	0.922 0.983	mg/L	92 92 98
10/05/94	LCSD946664					0.922 0.983 0.979		92 98
10/05/94 10/13/94	LCSD946664 LCS946909 LCSD946909	 : 6	EMJA6141013184501 EMJA6141013184501	NA NA	1.00 1.00	0.983 0.979	mg/L mg/L	92 98
10/05/94 10/13/94 10/13/94 Number of Sar	LCSD946664 LCS946909 LCSD946909		EMJA6141013184501 EMJA6141013184501	NA NA  Below accepta	1.00 1.00 	0.983 0.979 0	mg/L mg/L	
10/05/94 10/13/94 10/13/94	LCSD946664 LCS946909 LCSD946909  mples ery	: 6 : 93.8 : 3.25	EMJA6141013184501 EMJA6141013184501	NA NA Below accepta Above accepta	1.00 1.00 ance :	0.983 0.979	mg/L mg/L	92 98
10/05/94 10/13/94 10/13/94 Number of Sar Mean % Recove	LCSD946664 LCS946909 LCSD946909  mples ery	: 93.8	EMJA6141013184501 EMJA6141013184501	NA NA  Below accepta	1.00 1.00 ance :	0.983 0.979  0	mg/L mg/L	92 98
10/05/94 10/13/94 10/13/94 Number of Sar Mean % Recove	LCSD946664 LCS946909 LCSD946909  mples ery	: 93.8	EMJA6141013184501 EMJA6141013184501	NA NA Below accepta Above accepta	1.00 1.00 ance :	0.983 0.979  0	mg/L mg/L	92 98
10/05/94 10/13/94 10/13/94 Number of Sar Mean % Recove Standard Dev	LCSD946664 LCS946909 LCSD946909  mples ery iation	: 93.8	EMJA6141013184501 EMJA6141013184501	NA NA Below accepta Above accepta	1.00 1.00 ance :	0.983 0.979  0	mg/L mg/L	92 98
10/05/94 10/13/94 10/13/94 Number of Sar Mean % Recove Standard Devi	LCSD946664 LCS946909 LCSD946909  mples ery iation  - Metals	: 93.8	EMJA6141013184501 EMJA6141013184501	NA NA Below accepta Above accepta	1.00 1.00 ance :	0.983 0.979  0	mg/L mg/L	92 98
10/05/94 10/13/94 10/13/94 Number of Sar Mean % Recove Standard Devi	LCSD946664 LCS946909 LCSD946909  mples ery iation  - Metals	: 93.8	EMJA6141013184501 EMJA6141013184501	NA NA Below accepta Above accepta	1.00 1.00 ance :	0.983 0.979  0	mg/L mg/L	92 98
10/05/94 10/13/94 10/13/94 Number of Sar Mean % Recove Standard Devi	LCSD946664 LCS946909 LCSD946909 mples ery iation - Metals um ory Control	: 93.8	EMJA6141013184501 EMJA6141013184501	NA NA Below accepta Above accepta Acceptance C1	1.00 1.00 ance: ance:	0.983 0.979 0 0 0 80-120	mg/L mg/L mg/L	92 98 98
10/05/94 10/13/94 10/13/94 Number of Sar Mean % Recove Standard Devi	LCSD946664 LCS946909 LCSD946909  mples ery iation  - Metals	: 93.8	EMJA6141013184501 EMJA6141013184501	NA NA Below accepta Above accepta	1.00 1.00 ance :	0.983 0.979  0	mg/L mg/L	92 98

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010 Spiked Analyte : Berylli Type of Spike : Laborat	ium	nt						
•	•							
10/05/94	LCSD946664		EMJA6141005100004		1.00	0.934	mg/L	93.0
10/13/94 10/13/94	LCS946909 LCSD946909		EMJA6141013184501 EMJA6141013184501		1.00 1.00	1.01 1.01	mg/L mg/L	101 101
Number of Sa	amples	 : 6		Below accep		o		
Mean % Recov		: 95.3		Above accep		0		
Standard Dev	viation	: 4.41		Acceptance (	Criteria {	30-120		
Method : SW6010								
Spiked Analyte : Cadmiun Type of Spike : Laborat								
10/05/94	LCS946637		EMJA6141005100004	NA	1.00	0.808	mg/L	81.0
10/05/94	LCS946664		EMJA6141005100004		1.00	0.822	mg/L	82.0
10/05/94	LCSD946637		EMJA6141005100004		1.00	0.817	mg/L	82.0
10/05/94	LCSD946664		EMJA6141005100004 EMJA6141013184501		1.00 1.00	0.807 0.925	mg/L mg/L	81.0 93.0
10/13/94 10/13/94	LCS946909 LCSD946909		EMJA6141013184501	NA NA	1.00	0.930	mg/L	93.0
Number of Sa	amples	: 6		Below accept	tance :	0		
Mean % Recov		: 85.3		Above accept		0		
Standard Dev	/iation	: 5.96		Acceptance (	Criteria {	30-120		
Method : SW6010 Spiked Analyte : Calcium								
Type of Spike : Laborat								
10/05/94	LCS946637		EMJA6141005100004	NA	50.0	45.6	mg/L	91.0
10/05/94	LCS946664		EMJA6141005100004	NA	50.0	46.5	mg/L	93.0
10/05/94	LCSD946637		EMJA6141005100004		50.0	46.0	mg/L	92.0
10/05/94	LCSD946664		EMJA6141005100004		50.0	46.6	mg/L	93.0
10/13/94 10/13/94	LCS946909 LCSD946909		EMJA6141013184501 EMJA6141013184501	NA NA	10.0 10.0	10.3 10.3	mg/L mg/L	103 103
							g/ C	
Number of Sa		: 6		Below accept		0		
Mean % Recov	-	: 95.8		Above accep		0		
Standard Dev	viation	: 5.60		Acceptance (	Criteria (	30-120		

NA NA NA NA NA OTOW accept	•	0.855 0.862 0.860 0.874 0.960 0.960	mg/L mg/L mg/L mg/L mg/L	86 86 86 87 96
NA NA NA NA NA ONA Tow accept	1.00 1.00 1.00 1.00 1.00 	0.862 0.860 0.874 0.960 0.960	mg/L mg/L mg/L mg/L	86 86 87 96
NA NA NA NA NA ONA Tow accept	1.00 1.00 1.00 1.00 1.00 	0.862 0.860 0.874 0.960 0.960	mg/L mg/L mg/L mg/L	86 86 87 96
NA NA NA NA NA ONA Tow accept	1.00 1.00 1.00 1.00 1.00 	0.862 0.860 0.874 0.960 0.960	mg/L mg/L mg/L mg/L	86 86 87 96
NA NA NA NA NA ONA Tow accept	1.00 1.00 1.00 1.00 1.00 	0.862 0.860 0.874 0.960 0.960	mg/L mg/L mg/L mg/L	86 86 87 96
NA NA NA NA On NA NA Tow accept	1.00 1.00 1.00 1.00 eptance:	0.860 0.874 0.960 0.960	mg/L mg/L mg/L	86 87 96
NA NA NA ONA Plow accept	1.00 1.00 1.00 eptance :	0.874 0.960 0.960 0 0	mg/L mg/L	87 96
NA NA 	1.00 1.00 eptance :	0.960 0.960  0	mg/L	96
NA  low accept	1.00 eptance :	0.960  0 0	=	
low accept	eptance :	0 0		
ove accept	eptance :	0		
	•			
ceptance (	e Criteria	2n_12n		
		00-120		
NA	1.00	0.843	mg/L	84
NA	1.00	0.846	mg/L	85
NA	1.00	0.856	mg/L	86
NA	1.00	0.859	mg/L	86
NA	1.00	0.954	mg/L	95
NA 	1.00	0.950	mg/L 	95 
low accept	eptance :	0		
ove accept	•	0		
	: Criteria	80-120		
 1 ow	NA NA NA  acce	NA 1.00 NA 1.00	NA 1.00 0.859  NA 1.00 0.954  NA 1.00 0.950	NA 1.00 0.859 mg/L  NA 1.00 0.954 mg/L  NA 1.00 0.950 mg/L  acceptance : 0  acceptance : 0

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVERY
Method : SW6010 Spiked Analyte : Copper								
Type of Spike : Labora		nt.						
10/05/94	LCSD946664		EMJA6141005100004	NA	1.00	0.901	mg/L	90.0
10/13/94	LCS946909		EMJA6141013184501		1.00	0.973	mg/L	97.0
10/13/94	LCSD946909		EMJA6141013184501	NA	1.00	0.964	mg/L	96.0
Number of Sa	amples	: 6		Below accept	ance :	 0		
Mean % Reco		: 92.2		Above accept		0		
Standard Dev	viation	: 3.37		Acceptance C	riteria	80-120		
Method : SW6010	- Metals							
piked Analyte : Iron								
Type of Spike : Laborat	tory Control							
10/05/94	LCS946637		EMJA6141005100004	NA	50.0	43.9	mg/L	88.6
10/05/94	LCS946664		EMJA6141005100004		50.0	44.6	mg/L	89.0
10/05/94	LCSD946637		EMJA6141005100004		50.0	44.1	mg/L	88.0
10/05/94	LCSD946664		EMJA6141005100004		50.0	44.7	mg/L	89.0
10/13/94 10/13/94	LCS946909 LCSD946909		EMJA6141013184501 EMJA6141013184501	NA NA	10.0 10.0	9.78 9.71	mg/L mg/L	98.0 97.0
Number of Sa		: 6		Below accept		 0		
Mean % Recov		. 0 : 91.5		Above accept		0		
Standard Dev		: 4.68		Acceptance C		80-120		
Method : SW6010	- Metals							
Spiked Analyte : Lead Type of Spike : Laborat	tory Control							
	•			_			_	
10/05/94	LCS946637		EMJA6141005100004	NA Na	1.00	0.825	mg/L	82.0
10/05/94	LCS946664		EMJA6141005100004	NA NA	1.00	0.759	mg/L ma/l	76.0
10/05/94 10/05/94	LCSD946637 LCSD946664		EMJA6141005100004 EMJA6141005100004	NA NA	1.00 1.00	0.852 0.772	mg/L mg/L	85.0 77.0
10/03/94	LCS946909		EMJA6141003100004	NA NA	1.00	0.772	mg/L	94.0
10/13/94	LCSD946909		EMJA6141013184501	NA NA	1.00	0.930	mg/L	93.0
Number of Sa	amples	: 6		Below accept	ance :	2	<b></b>	
Mean % Recov	•	. 84.5		Above accept		0		
Standard Dev		: 7.71		Acceptance C		80-120		
				•				

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOY
					<u>-</u>					
Me	thod : SW6010	) - Metals								
piked Ana	lyte : Magnes	sium								
Type of Sp	pike : Labora	atory Control								
	10/05/94	LCS946637			EMJA6141005100004	NA	50.0	44.6	mg/L	8
	10/05/94	LCS946664			EMJA6141005100004	NA	50.0	45.2	mg/L	9
	10/05/94	LCSD946637			EMJA6141005100004	NA	50.0	44.9	mg/L	9
	10/05/94	LCSD946664			EMJA6141005100004	NA	50.0	45.4	mg/L	9
	10/13/94	LCS946909			EMJA6141013184501	NA	10.0	9.90	mg/L	9
	10/13/94 	LCSD946909			EMJA6141013184501	NA 	10.0	9.89	mg/L	9
	Number of S	•	:	6		Below accepta		0		
	Mean % Reco	-	:			Above accepta		0		
	Standard De	viation	:	4.69		Acceptance Cr	iteria 8	0-120		
	thod : SW6010 lyte : Mangane									
piked Anal		ese								
piked Anal Type of Sp 1	lyte : Mangane pike : Labora 10/05/94	ese			EMJA6141005100004	NA	1.00	0.850	mg/L	8
piked Anal Type of Sp 1 1	lyte : Mangane pike : Labora 10/05/94 10/05/94	ese tory Control LCS946637 LCS946664			EMJA6141005100004 EMJA6141005100004	NA NA	1.00 1.00	0.850 0.857	mg/L mg/L	88
piked Anal Type of Sp 1 1 1	lyte : Mangane pike : Laborat 10/05/94 10/05/94 10/05/94	ese tory Control LCS946637 LCS946664 LCSD946637			EMJA6141005100004 EMJA6141005100004		1.00 1.00	0.857 0.854		8 8 8
piked Anal Type of Sp 1 1 1 1	lyte : Mangane pike : Laborat 10/05/94 10/05/94 10/05/94	ese tory Control LCS946637 LCS946664 LCSD946637 LCSD946664			EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA	1.00 1.00 1.00	0.857 0.854 0.857	mg/L	8
oiked Anal Type of Sp 1 1 1 1	lyte : Mangane pike : Laborat 10/05/94 10/05/94 10/05/94 10/05/94 10/13/94	LCS946637 LCS946637 LCS946664 LCSD946637 LCSD946664 LCS946909			EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501	NA NA NA NA	1.00 1.00 1.00 1.00	0.857 0.854 0.857 0.957	mg/L mg/L mg/L mg/L	8 8 9
oiked Anal Type of Sp 1 1 1 1	lyte : Mangane pike : Laborat 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94	LCS946637 LCS946664 LCSD946664 LCSD946664 LCS946909 LCSD946909			EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA	1.00 1.00 1.00	0.857 0.854 0.857	mg/L mg/L mg/L	8 8 9
piked Anal Type of Sp 1 1 1 1	lyte : Mangane Dike : Laborat 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 Number of Sa	ESE  tory Control  LCS946637  LCS946664  LCSD946664  LCS946909  LCSD946909		6	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.857 0.854 0.857 0.957	mg/L mg/L mg/L mg/L	
piked Anal Type of Sp 1 1 1 1	Number of Sa Mean % Recov	LCS946637 LCS946637 LCS946664 LCSD946664 LCSD946909 LCSD946909	: :	89.0	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958	mg/L mg/L mg/L mg/L	8 8 9
piked Anal Type of Sp 1 1 1 1	lyte : Mangane Dike : Laborat 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 Number of Sa	LCS946637 LCS946637 LCS946664 LCSD946664 LCSD946909 LCSD946909	: : :		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958	mg/L mg/L mg/L mg/L	
piked Anal Type of Sp 1 1 1 1	Number of Sa Mean % Recov	LCS946637 LCS946637 LCS946664 LCSD946664 LCSD946909 LCSD946909	:::::::::::::::::::::::::::::::::::::::	89.0	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958	mg/L mg/L mg/L mg/L	8 8 9
oiked Anal Type of Sp 1 1 1 1 1	lyte : Mangane bike : Laborat 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 Number of Sa Mean % Recov Standard Dev	ese tory Control  LCS946637 LCS946664 LCSD946664 LCS946909 LCSD946909	 : :	89.0	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958	mg/L mg/L mg/L mg/L	8 8 9
oiked Anal Type of Sp  1 1 1 1 1 1 1 1 Met	lyte : Mangane bike : Laborat 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 10/13/94 Number of Sa Mean % Recov Standard Dev	LCS946637 LCS946664 LCSD946664 LCSD946909 LCSD946909 	 : :	89.0	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958	mg/L mg/L mg/L mg/L	8 8 9
oiked Anal Type of Sp  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	lyte: Mangane pike: Laborat 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 	ese tory Control  LCS946637 LCS946664 LCSD946664 LCS946909 LCSD946909	:	89.0	EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA Selow accepta Above accepta	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958 0 0	mg/L mg/L mg/L mg/L	8 8 9
oiked Anal Type of Sp  1 1 1 1 1 1 1 2 Met oiked Anal Type of Sp	lyte: Mangane pike: Laborat 10/05/94 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 Number of Sa Mean % Recov Standard Dev Standard Dev Chod: SW6010 yte: Molybde pike: Laborat	LCS946637 LCS946664 LCSD946664 LCS946909 LCSD946909	 : :	89.0	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA Selow accepta Above accepta Acceptance Cr	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958 0 0 0-120	mg/L mg/L mg/L mg/L mg/L mg/L	8 8 9 9
piked Anal Type of Sp  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	lyte: Mangane pike: Laborat 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 	ese tory Control  LCS946637 LCS946664 LCSD946664 LCS946909 LCSD946909	: :	89.0	EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA Selow accepta Above accepta	1.00 1.00 1.00 1.00 1.00 	0.857 0.854 0.857 0.957 0.958 0 0	mg/L mg/L mg/L mg/L mg/L	8 8 9



NC = Not Calculable

NS = Not Specified

DATE ANALYZED 	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVERY
Method : SW6010 Spiked Analyte : Molybde Type of Spike : Laborat	enum	nt.						
10/05/94	LCSD946664		EMJA6141005100004	NA NA	1.00	0.926	mg/L	93.0
10/13/94	LCS946909		EMJA6141013184501		1.00	0.996	mg/L	100
10/13/94	LCSD946909		EMJA6141013184501		1.00	0.996	mg/L	100
Number of Sa Mean % Recov Standard Dev	very	: 6 : 94.5 : 4.32		Below accept Above accept Acceptance C	ance :	0 0 30-120		
Method : SW6010 Spiked Analyte : Nickel Type of Spike : Laborat								
10/05/94	LCS946637		EMJA6141005100004	NA	1.00	0.862	mg/L	86.0
10/05/94	LCS946664		EMJA6141005100004		1.00	0.883	mg/L	88.0
10/05/94	LCSD946637	÷	EMJA6141005100004	NA	1.00	0.878	mg/L	88.0
10/05/94	LCSD946664		EMJA6141005100004	NA	1.00	0.858	mg/L	86.0
10/13/94	LCS946909		EMJA6141013184501	NA	1.00	0.938	mg/L	94.0
10/13/94	LCSD946909		EMJA6141013184501	NA	1.00	0.968	mg/L	97.0
Number of Sa	mples	: 6		Below accept		0		
Mean % Recov	-	: 89.8		Above accept		0		
Standard Dev	riation	: 4.58		Acceptance C	riteria 8	30-120		
Method : SW6010 Spiked Analyte : Potassi Type of Spike : Laborat	um							
10/05/94	LCS946637		EMJA6141005100004	NA	50.0	45.3	mg/L	91.0
10/05/94	LCS946664		EMJA6141005100004	NA NA	50.0	46.0	mg/L	92.0
10/05/94	LCSD946637		EMJA6141005100004	NA NA	50.0	45.5	mg/L	91.0
10/05/94	LCSD946664		EMJA6141005100004	NA	50.0	45.7	mg/L	91.0
10/13/94	LCS946909		EMJA6141013184501	NA	20.0	19.1	mg/L	96.0
10/13/94	LCSD946909		EMJA6141013184501	NA	20.0	19.5	mg/L	98.0
Number of Sa	mples	: 6		Below accept	ance :	0		
	•			•				
Mean % Recov	ery	: 93.2		Above accept	ance :	0		

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report

DATE ANALYZED	SAMPLE 1	:D		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
		-		*****					
Method : SW	6010 - Metals								
iked Analyte : Se									
ype of Spike : La	boratory Control								
10/05/94	LCS94663			EMJA6141005100004	NA	1.00	0.874	mg/L	87
10/05/94	LCS94666			EMJA6141005100004	NA	1.00	0.809	mg/L	81
10/05/94	LCSD9466			EMJA6141005100004	NA	1.00	0.885	mg/L	88
10/05/94	LCSD9466			EMJA6141005100004	NA	1.00	0.854	mg/L	85
10/13/94	LCS94690			EMJA6141013184501	NA	1.00	0.977	mg/L	98
10/13/94 	LCSD9469	<b>0</b> 9		EMJA6141013184501	NA 	1.00	0.882	mg/L	88
	of Samples	:			Below accept	ance :	0		.=====
	Recovery	:	87.8		Above accept		0		
Standar	Deviation	:	5.64		Acceptance C	riteria 8	0-120		
ked Analyte : Si									
	ver								
ked Analyte : Si	ver	7		EMJA6141005100004	NA	1.00	0.827	mg/L	83
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94	ver oratory Control			EMJA6141005100004 EMJA6141005100004	NA NA	1.00 1.00	0.827 0.827	mg/L mg/L	83 83
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94	ver coratory Control LCS94663 LCS94666 LCSD9466	4 37							
ked Analyte : Si' pe of Spike : Lal 10/05/94 10/05/94 10/05/94	ver coratory Control  LCS94663 LCS94666 LCSD94666 LCSD9466	4 37 64		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA	1.00	0.827	mg/L	82
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94 10/13/94	ver loratory Control  LCS94663 LCS94666 LCSD94666 LCSD94660 LCS946908	4 37 64 9		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501	NA NA NA	1.00 1.00	0.827 0.824	mg/L mg/L	82 83
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94	ver coratory Control  LCS94663 LCS94666 LCSD94666 LCSD9466	4 37 64 9		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA	1.00 1.00 1.00	0.827 0.824 0.830	mg/L mg/L mg/L	82 83 92
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94	LCS94663 LCS94666 LCSD94666 LCSD94660 LCSD946900 LCSD946900	4 37 64 9 09 		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	82 83 92
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94	LCS94663 LCS94666 LCSD94666 LCSD94666 LCSD94690 LCSD94690	4 37 64 9 9 9 9 :	85.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	82 83 92
Red Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 Number of	LCS94663 LCS94666 LCSD94666 LCSD94660 LCSD946900 LCSD946900	4 37 64 9 9 9 9 :		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	82 83 92
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94	LCS94663 LCS94666 LCSD94666 LCSD94666 LCSD94690 LCSD94690	4 37 64 9 9 9 9 :	85.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	82 83 92
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 	LCS94663 LCS94666 LCSD94666 LCSD94660 LCSD946900 LCSD946910 TSAmples ecovery Deviation	4 37 64 9 9 9 9 :	85.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	83 83 82 83 92 92
ked Analyte : Si pe of Spike : Lal 10/05/94 10/05/94 10/05/94 10/13/94 10/13/94 Number of Mean % F Standard	LCS94663 LCS94666 LCSD94666 LCSD946690 LCSD94690 LCSD94691 Deviation	4 37 64 9 9 9 9 :	85.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	82 83 92
ked Analyte : Si pe of Spike : Lal	LCS94663 LCS94666 LCSD94666 LCSD946690 LCSD94690 LCSD94690 Deviation	4 37 64 9 9 9 9 :	85.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	82 83 92
ked Analyte : Si pe of Spike : Lal	LCS94663 LCS94666 LCSD94666 LCSD946690 LCSD94690 LCSD94690 Deviation	4 37 64 9 99  :	85.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA Selow accepta Above accepta	1.00 1.00 1.00 1.00 1.00 	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L 	82 83 92 92
ked Analyte : Si' pe of Spike : Lal  10/05/94 10/05/94 10/05/94 10/13/94 10/13/94	LCS94663 LCS94666 LCSD94666 LCSD94669 LCSD94690 LCSD94690 Deviation	4 37 64 9 99 : :	85.8	EMJA6141005100004 EMJA6141005100004 EMJA6141013184501 EMJA6141013184501	NA NA NA NA NA Selow accepta	1.00 1.00 1.00 1.00 1.00	0.827 0.824 0.830 0.919 0.919	mg/L mg/L mg/L mg/L	82 83 92

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW6010	) - Metals								
Spiked Analyte : Sodium Type of Spike : Labora	ו	nt.							
10/05/94	LCSD946664		I	EMJA6141005100004	. NA	50.0	46.0	mg/L	92.0
10/13/94	LCS946909			EMJA6141013184501		10.0	9.88	mg/L	99.0
10/13/94	LCSD946909			EMJA6141013184501		10.0	9.90	mg/L	99.0
Number of S	amples	:	6		Below accept	ance :	0		
Mean % Reco	very	: 9	3.8		Above accept	ance:	0		
Standard De	viation	: 4	.07		Acceptance C	riteria 8	30-120		
Method : SW6010	- Metals			·					
Spiked Analyte : Thalli									
Type of Spike : Labora	tory Control								
10/05/94	LCS946637		Đ	EMJA6141005100004	NA	1.00	0.878	mg/L	88.0
10/05/94	LCS946664		E	MJA6141005100004	NA	1.00	0.837	mg/L	84.0
10/05/94	LCSD946637		6	MJA6141005100004	NA	1.00	0.831	mg/L	83.0
10/05/94	LCSD946664		Đ	MJA6141005100004	NA	1.00	0.860	mg/L	86.0
10/13/94	LCS946909		E	MJA6141013184501	NA	1.00	0.917	mg/L	92.0
10/13/94	LCSD946909		E	MJA6141013184501	NA	1.00	0.957	mg/L	96.0
Number of S	amples	: (	6		Below accept	ance :	0		
Mean % Reco	-	: 88	8.2		Above accept	ance :	0		
Standard De	viation	: 5.	.00		Acceptance C	riteria 8	80-120		
							* ,		
Method : SW6010									
piked Analyte : Vanadi									
Type of Spike : Labora	tory Control								
10/05/94	LCS946637		E	MJA6141005100004	NA	1.00	0.879	mg/L	88.0
10/05/94	LCS946664		Ε	MJA6141005100004	NA	1.00	0.880	mg/L	88.0
10/05/94	LCSD946637		E	MJA6141005100004	NA	1.00	0.878	mg/L	88.0
10/05/94	LCSD946664		E	MJA6141005100004	NA	1.00	0.887	mg/L	89.0
10/13/94	LCS946909		E	MJA6141013184501	NA	1.00	0.968	mg/L	97.0
10/13/94	LCSD946909	. <b></b>	E 	MJA6141013184501	NA	1.00	0.965	mg/L	97.0
Number of Sa	amples	: 6	6		Below accept	ance :	0	<b>-</b>	
			1 0				_		
Mean % Reco	very	: 91	1.2		Above accepta	ance :	0		

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

 AMOUNT RESULT :	ORIG. RESULT	BATCH ID	SAMPLE ID	DATE ANALYZED

Spiked Analyte : Zinc

Type of Spike : Laboratory Control

10/05/94	LCS946637	EMJA6141005100004	NA	1.00	0.823	mg/L	82.0
10/05/94	LCS946664	EMJA6141005100004	NA	1.00	0.829	mg/L	83.0
10/05/94	LCSD946637	EMJA6141005100004	NA	1.00	0.829	mg/L	83.0
10/05/94	LCSD946664	EMJA6141005100004	NA	1.00	0.832	mg/L	83.0
10/13/94	LCS946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0
10/13/94	LCSD946909	EMJA6141013184501	NA	1.00	0.960	mg/L	96.0

Number of Samples : 6 Below acceptance : 0
Mean % Recovery : 87.2 Above acceptance : 0
Standard Deviation : 6.85 Acceptance Criteria 80-120

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 4,4'-DDT

Type of Spike : Laboratory Control

10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.500	ug/L	
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.514	ug/L	103
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.512	ug/L	102
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.508	ug/L	102

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 102 Above acceptance : 0
Standard Deviation : 1.26 Acceptance Criteria 25-160

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Aldrin

Type of Spike : Laboratory Control

10/14/94	LCS946620	CHGC7A41014120001	NA	0.250	0.248	ug/L	99.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.250	0.242	ug/L	97.0
10/22/94	LCS946743	CHGC7A41021120002	NA	0.250	0.228	ug/L	91.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.250	0.222	ug/L	89.0

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 94.0 Above acceptance : 0
Standard Deviation : 4.76 Acceptance Criteria 42-122

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dieldrin

Type of Spike : Laboratory Control

10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.517	ug/L	103
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.512	ug/L	102
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.484	ug/L	97.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.471	ug/L	94.0

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 99.0 Above acceptance : 0
Standard Deviation : 4.24 Acceptance Criteria 36-146

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Endosulfan II

Type of Spike : Laboratory Control

10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.536	ug/L	107
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.534	ug/L	107
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.535	ug/L	107
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.523	ug/L	105

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 107 Above acceptance : 0
Standard Deviation : 1.00 Acceptance Criteria D-202

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Endrin

Type of Spike : Laboratory Control

10/14/94	LCS946620	CHGC7A41014120001	NA	0.500	0.493	ug/L	99.0
10/14/94	LCSD946620	CHGC7A41014120001	NA	0.500	0.486	ug/L	97.0
10/22/94	LCS946743	CHGC7A41021120002	NA	0.500	0.480	ug/L	96.0
10/22/94	LCSD946743	CHGC7A41021120002	NA	0.500	0.482	ug/L	96.0

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 97.0 Above acceptance : 0
Standard Deviation : 1.41 Acceptance Criteria 30-147

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED 	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKET		RESULT UNIT	% RECOVER
Method : SW8080 Spiked Analyte : Endrin Type of Spike : Labora	<del>-</del>	∍ Pesticid	es and PCBs					
10/14/94	LCS946620		CHGC7A41014120001	NA	0.500	0.614	ug/L	12
10/14/94	LCSD946620		CHGC7A41014120001		0.500	0.624	ug/L ug/L	12
10/22/94	LCS946743		CHGC7A41021120002		0.500	0.627	ug/L	12
10/22/94	LCSD946743		CHGC7A41021120002		0.500	0.634	ug/L	12
Number of S	amples	· : 4		Below accept	 ance :	0		
Mean % Reco		: 125		Above accept		0		
Standard De	_	: 1.63		Acceptance C		NS		
Method : SW8080	- Organochlorine	Pesticid	es and PCBs					
Spiked Analyte : Heptac Type of Spike : Labora 10/14/94	tory Control LCS946620		CHGC7A41014120001	NA	0.250	0.261	ug/L	10
Spiked Analyte : Heptac Type of Spike : Labora 10/14/94 10/14/94	LCS946620 LCSD946620		CHGC7A41014120001	NA	0.250	0.255	ug/L	10
piked Analyte : Heptac Type of Spike : Labora 10/14/94	tory Control LCS946620						ug/L ug/L	9.
Spiked Analyte : Heptac Type of Spike : Labora 10/14/94 10/14/94 10/22/94	LCS946620 LCSD946620 LCSD946743 LCSD946743	: 4 : 99.0 : 5.48	CHGC7A41014120001 CHGC7A41021120002	NA . NA	0.250 0.250 0.250 	0.255 0.239	ug/L	9.
Spiked Analyte : Heptac Type of Spike : Labora  10/14/94 10/14/94 10/22/94 10/22/94 Number of Samean % Reconstandard Den  Method : SW8080 Spiked Analyte : Heptack	LCS946620 LCS946620 LCS946743 LCSD946743	: 99.0 : 5.48	CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accepta Above accepta	0.250 0.250 0.250 	0.255 0.239 0.233 0 0	ug/L ug/L	91
Spiked Analyte : Heptac Type of Spike : Labora  10/14/94 10/14/94 10/22/94 10/22/94 Number of Sa Mean % Recor Standard Der  Method : SW8080 Spiked Analyte : Heptack	LCS946620 LCS946620 LCS946743 LCSD946743	: 99.0 : 5.48	CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accepta Above accepta	0.250 0.250 0.250 	0.255 0.239 0.233 0 0	ug/L ug/L	93.4
Spiked Analyte: Heptac Type of Spike: Labora  10/14/94 10/14/94 10/22/94 10/22/94  Number of Samean % Record Standard Der  Method: SW8080 Spiked Analyte: Heptach Type of Spike: Laborat  10/14/94 10/14/94	LCS946620 LCSD946620 LCSD946743 LCSD946743	: 99.0 : 5.48 Pesticide	CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA Below accepta Above accepta Acceptance Co	0.250 0.250 0.250 	0.255 0.239 0.233  0 0 34-120	ug/L ug/L ug/L	98. 93.4
Spiked Analyte: Heptac Type of Spike: Labora  10/14/94 10/14/94 10/22/94  Number of Sa Mean % Recor Standard Der  Method: SW8080 Spiked Analyte: Heptacl Type of Spike: Laborat  10/14/94 10/14/94 10/12/94	LCS946620 LCSD946620 LCSD946743 LCSD946743	: 99.0 : 5.48 Pesticide	CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002  Ses and PCBs  CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002	NA NA Below accepta Above accepta Acceptance Co	0.250 0.250 0.250 	0.255 0.239 0.233  0 0 34-120	ug/L ug/L ug/L	98 93.
Spiked Analyte: Heptac Type of Spike: Labora  10/14/94 10/14/94 10/22/94 10/22/94  Number of Samean % Record Standard Der  Method: SW8080 Spiked Analyte: Heptach Type of Spike: Laborat  10/14/94 10/14/94	LCS946620 LCSD946620 LCSD946743 LCSD946743	: 99.0 : 5.48 Pesticide	CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002 Ses and PCBs CHGC7A41014120001 CHGC7A41014120001	NA NA Below accepta Above accepta Acceptance Co	0.250 0.250 0.250 ance : ance : riteria 0.250	0.255 0.239 0.233  0 0 34-120	ug/L ug/L ug/L ug/L ug/L	93.7 93.7 113 110 99.0
Spiked Analyte: Heptac Type of Spike: Labora  10/14/94 10/14/94 10/22/94  Number of Sa Mean % Recor Standard Der  Method: SW8080 Spiked Analyte: Heptacl Type of Spike: Laborat  10/14/94 10/14/94 10/12/94	LCS946620 LCSD946743 LCSD946743 LCSD946743 amples very viation  - Organochlorine alor epoxide tory Control LCS946620 LCSD946620 LCSD9466743 LCSD946743	: 99.0 : 5.48 Pesticide	CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002  Ses and PCBs  CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002	NA NA Below accepta Above accepta Acceptance Co	0.250 0.250 0.250 ance : ance : riteria 0.250 0.250 0.250 0.250	0.255 0.239 0.233  0 0 34-120 0.283 0.276 0.246	ug/L ug/L ug/L ug/L ug/L ug/L	103 93.0 93.0 113 110 99.0 102
Spiked Analyte: Heptac Type of Spike: Labora  10/14/94 10/14/94 10/22/94  Number of Samean % Record Standard Der  Method: SW8080 Spiked Analyte: Heptacl Type of Spike: Laborat  10/14/94 10/14/94 10/12/94 10/22/94	LCS946620 LCSD946620 LCSD946743 LCSD946743	: 99.0 : 5.48	CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002  Ses and PCBs  CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA Below accepta Above accepta Acceptance Co  NA NA NA NA NA	0.250 0.250 0.250 	0.255 0.239 0.233 	ug/L ug/L ug/L ug/L ug/L ug/L	91. 93.0 113 110 99.0

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUN SPIKE	T AMOUNT D RECOVERED	RESULT UNIT	% RECOVER
Method : SW8080	) - Organochlorin	e Pestici	des and PCBs					
Spiked Analyte : PCB-10	-							
Type of Spike : Labora	atory Control							
10/14/94	LCS946621		CHGC7A41014120001	. NA	2.50	2.09	ug/L	84
10/14/94	LCSD946621		CHGC7A41014120001		2.50	2.06	ug/L	82
10/22/94	LCS946744		CHGC7A41021120002		2.50	2.36	ug/L	94.
10/22/94	LCSD946744		CHGC7A41021120002	. NA	2.50	2.28	ug/L	91
<b></b> Number of S	amples	: 4		Below accep	tance :	0		
Mean % Reco	·	: 87.8	3	Above accep		0		
Standard De	=	: 5.68		Acceptance		50-120		
	- Organochlorin	e Pestici	des and PCBs					
Spiked Analyte : PCB-12 Type of Spike : Labora					,			
10/14/94	LCS946621		CHGC7A41014120001	NA	2.50	2.45	ug/L	98.
10/14/94	LCSD946621		CHGC7A41014120001		2.50	2.51	ug/L ug/L	10
10/22/94	LCS946744		CHGC7A41014120001		2.50	2.46	ug/L	98.
10/22/94	LCSD946744		CHGC7A41021120002		2.50	2.27	ug/L	91.
Number of S	amples	: 4		Below accep	tance :	0		
Mean % Reco		: 96.8	}	Above accep	tance :	0		
Standard De	viation	: 3.95	i	Acceptance	Criteria	8-127		
	- Organochlorine	e Pestici	des and PCBs					
Spiked Analyte : alpha- Type of Spike : Labora								
10/14/94	LCS946620		CHGC7A41014120001	NA	0.250	0.238	ug/L	95
10/14/94	LCSD946620		CHGC7A41014120001	NA	0.250	0.239	ug/L	96.
10/22/94	LCS946743		CHGC7A41021120002	NA	0.250	0.218	ug/L	87.
10/22/94	LCSD946743		CHGC7A41021120002	NA	0.250	0.212	ug/L	85.
Number of S	amples	: 4		Below accep	tance :	0		
Mean % Reco	·	: 90.8	1	Above accep		0		
6: 1.15		F FC			0	27 124		

Acceptance Criteria 37-134

: 5.56

Standard Deviation

DATE ANALYZ		SAMPLE ID			BATCH ID	ORIG. RESULT	AMOU SPIK		RESULT UNIT	% RECOV
M 11 1	CL/CACA	0 13 1	_		1.000					
: methoo : iked Analyte		Organochlorine	e res	sticia	es and PCBs					
ype of Spike :										
10/14/	94	LCS946620			CHGC7A41014120001	NA	0.250	0.188	ug/L	7.
10/14/	94	LCSD946620			CHGC7A41014120001	NA	0.250	0.185	ug/L	7
10/22/	94	LCS946743			CHGC7A41021120002	NA	0.250	0.217	ug/L	8
10/22/	94	LCSD946743			CHGC7A41021120002	NA	0.250	0.215	ug/L	8
Numb	er of Samp	oles	:	4		Below accep	otance :	0		
Mean	% Recover	-у	:	80.5		Above accep		0		
Stan	dard Devia	ation	:	6.95		Acceptance	Criteria	19-140		
ked Analyte :	gamma-BHC		e Pes	sticide	es and PCBs					
ked Analyte : pe of Spike : 10/14/9 10/12/9	gamma-BHC Laborator 94 94 94	Cry Control  LCS946620  LCS946620  LCS946743	e Pes	sticide	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002	NA NA NA	0.250 0.250 0.250	0.253 0.257 0.248	ug/L ug/L ug/L	9
ked Analyte : pe of Spike : 10/14/9 10/14/9	gamma-BHC Laborator 94 94 94	cy Control LCS946620 LCSD946620	e Pes	eticide	CHGC7A41014120001 CHGC7A41014120001	NA	0.250	0.257	ug/L	9
ked Analyte : pe of Spike :  10/14/9 10/14/9 10/22/9 10/22/9	gamma-BHC Laborator 94 94 94 94  er of Samp	Cy Control  LCS946620  LCSD946620  LCS946743  LCSD946743	:	4	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep	0.250 0.250 0.250 	0.257 0.248 0.242	ug/L ug/L	9
ked Analyte : pe of Spike :  10/14/9 10/14/9 10/22/9 10/22/9 Numbe	gamma-BHC Laborator  94 94 94 94 er of Samp % Recover	Cy Control  LCS946620 LCSD946620 LCS946743 LCSD946743	 : :	4 100	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep Above accep	0.250 0.250 0.250 	0.257 0.248 0.242 0 0	ug/L ug/L	9
ked Analyte : /pe of Spike :  10/14/9 10/14/9 10/22/9 10/22/9 Numbe	gamma-BHC Laborator 94 94 94 94  er of Samp	Cy Control  LCS946620  LCSD946620  LCS946743  LCSD946743	 : :	4	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep	0.250 0.250 0.250 	0.257 0.248 0.242	ug/L ug/L	9
ked Analyte : pe of Spike :  10/14/9 10/14/9 10/22/9 10/22/9 Numbe Mean Stand	gamma-BHC Laborator 94 94 94 94  er of Samp % Recover dard Devia	Cy Control  LCS946620 LCSD946620 LCS946743 LCSD946743	: :	4 100 2.58	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep Above accep	0.250 0.250 0.250 	0.257 0.248 0.242 0 0	ug/L ug/L	g
ked Analyte : /pe of Spike : /pe of	gamma-BHC Laborator  94 94 94 94 er of Samp % Recover dard Devia  SW8080 - 2,4,5,6-T	LCS946620 LCSD946620 LCSD946743 LCSD946743	: : : Pes	4 100 2.58 ticide	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep Above accep	0.250 0.250 0.250 	0.257 0.248 0.242 0 0	ug/L ug/L	9
ked Analyte : /pe of Spike : /pe of	gamma-BHC Laborator  94 94 94 94 96 97 98 98 99 99 99 99 99 80 99 99 80 99 99 80 80 80 80 80 80 80 80 80 80 80 80 80	Cy Control  LCS946620 LCS946743 LCSD946743 LCSD946743 reles ry tion  Organochlorine etrachloro-m-x	: : : Pes ylen lank	4 100 2.58 ticide	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep Above accep	0.250 0.250 0.250 tance : Criteria	0.257 0.248 0.242 0 0 32-127	ug/L ug/L ug/L	9
ked Analyte : pe of Spike :  10/14/5 10/12/5 10/22/5 Numbe Mean Stand  Method : ked Analyte : pe of Spike :	gamma-BHC Laborator  94 94 94 94 97 98 99 99 99 99 80 99 SW8080 2,4,5,6-T Surrogate	LCS946620 LCSD946620 LCSD946743 LCSD946743 vles vles cy tion	: : : Pes ylen lank	4 100 2.58 ticide	CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep Above accep Acceptance	0.250 0.250 0.250 	0.257 0.248 0.242 0 0	ug/L ug/L	999999999999999999999999999999999999999
ked Analyte : pe of Spike :  10/14/5 10/12/5 10/22/5 Number Mean Stand  Method : ked Analyte : pe of Spike :  10/14/5	gamma-BHC Laborator  94 94 94 994 er of Samp % Recover dard Devia  SW8080 - 2,4,5,6-T Surrogate	Cy Control  LCS946620 LCSD946620 LCS946743 LCSD946743  Ics Sy tion  Organochlorine etrachloro-m-x  Equipment B  G94-DD-SS-03	: : : : Pes ylen lank -EB	4 100 2.58 ticide	CHGC7A41014120001 CHGC7A41014120002 CHGC7A41021120002 CHGC7A41021120002	NA NA NA Below accep Above accep Acceptance	0.250 0.250 0.250 	0.257 0.248 0.242 0 0 32-127	ug/L ug/L ug/L	9
ked Analyte : The of Spike :  10/14/9 10/14/9 10/22/9 10/22/9  Number Mean Stand  Method : ked Analyte : pe of Spike :  10/14/9 10/14/9 10/22/9	gamma-BHC Laborator  94 94 94 994 er of Samp % Recover dard Devia  SW8080 - 2,4,5,6-T Surrogate	Cy Control  LCS946620 LCS946743 LCSD946743 LCSD946743  colors  Drganochlorine etrachloro-m-x  Equipment B  G94-DD-SS-03 G94-P0-SS-02 G94-MB-SS-05	: : : : Pes ylen lank -EB	4 100 2.58 ticide	CHGC7A41014120001 CHGC7A41014120002 CHGC7A41021120002 CHGC7A41021120002  CHGC7A41021120001 CHGC7A41014120001 CHGC7A41014120001 CHGC7A41021120002	NA NA NA Below accep Above accep Acceptance  NA NA	0.250 0.250 0.250 	0.257 0.248 0.242 0 0 32-127 0.941 0.887	ug/L ug/L ug/L ug/L ug/L	96

Acceptance Criteria 20-150

Standard Deviation : 4.16

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
<del></del>								
Mathad - SURARA	- Organochlorine	Posticia	les and BCRs					
piked Analyte : 2,4,5,			es and 1 cbs					
Type of Spike : Surrog								
. <b>J</b> F= <b>FJ</b>								
10/14/94	LCS946620		CHGC7A41014120001	NA	1.00	0.921	ug/L	92.
10/14/94	LCS946621		CHGC7A41014120001	NA	1.00	0.752	ug/L	75.
10/14/94	LCSD946620		CHGC7A41014120001	NA	1.00	0.888	ug/L	89.
10/14/94	LCSD946621		CHGC7A41014120001	NA	1.00	0.730	ug/L	73.
10/22/94	LCS946743		CHGC7A41021120002	` NA	1.00	0.849	ug/L	85.
10/22/94	LCS946744		CHGC7A41021120002	NA	1.00	0.747	ug/L	75.
10/22/94	LCSD946743		CHGC7A41021120002	NA	1.00	0.791	ug/L	79.
10/22/94	LCSD946744		CHGC7A41021120002	NA 	1.00	0.685	ug/L 	68.
Number of Sa	amples	: 8		Below accept		0		
Mean % Reco	•	: 79.5		Above accept		0		
Standard De	viation	: 8.38		Acceptance C	riteria 2	20-150		
Method : SW8080	- Organochlorine	Pesticid	es and PCBs					
Method : SW8080 piked Analyte : 2,4,5,0 Type of Spike : Surroga	6-Tetrachloro-m-x	ylene	es and PCBs					
oiked Analyte : 2,4,5,0	6-Tetrachloro-m-x	ylene	es and PCBs CHGC7A41014120001	NA	1.00	0.892	ug/L	89.
piked Analyte : 2,4,5,6 Type of Spike : Surroga	6-Tetrachloro-m-x ate - Method Blan	ylene		NA NA	1.00 1.00	0.892 0.822	ug/L ug/L	
piked Analyte : 2,4,5,6 Type of Spike : Surroga 10/14/94 10/22/94	6-Tetrachloro-m-x ate - Method Blan BLK944274 BLK944352	ylene	CHGC7A41014120001		1.00		•	
piked Analyte : 2,4,5,6 Type of Spike : Surroga 10/14/94	6-Tetrachloro-m-x ate - Method Blan BLK944274 BLK944352 amples	ylene <	CHGC7A41014120001 CHGC7A41021120002	NA 	1.00  ance :	0.822	•	
piked Analyte : 2,4,5,6 Type of Spike : Surroga 10/14/94 10/22/94 Number of Sa	6-Tetrachloro-m-x ate - Method Blan BLK944274 BLK944352 amples very	ylene <  : 2	CHGC7A41014120001 CHGC7A41021120002	NA Below accept	1.00 ance : ance :	0.822 0	•	
piked Analyte : 2,4,5,6 Type of Spike : Surroga  10/14/94  10/22/94  Number of Sa  Mean % Recov Standard Dev  Method : SW8080 Diked Analyte : Dibuty	6-Tetrachloro-m-x ate - Method Blan BLK944274 BLK944352	ylene c : 2 : 85.5 : NC	CHGC7A41014120001 CHGC7A41021120002	NA Below accept Above accept	1.00 ance : ance :	0.822 0 0	•	
piked Analyte : 2,4,5,6 Type of Spike : Surroga  10/14/94  10/22/94  Number of Sa  Mean % Recov Standard Dev  Method : SW8080 piked Analyte : Dibuty	6-Tetrachloro-m-x ate - Method Blan BLK944274 BLK944352	ylene  : 2 : 85.5 : NC	CHGC7A41014120001 CHGC7A41021120002	NA Below accept Above accept	1.00 ance : ance :	0.822 0 0	•	82.
piked Analyte : 2,4,5,6 Type of Spike : Surroga  10/14/94 10/22/94  Number of Sa Mean % Recov Standard Dev  Method : SW8080 piked Analyte : Dibutyi Type of Spike : Surroga	6-Tetrachloro-m-x ate - Method Blan  BLK944274 BLK944352 amples very viation  - Organochlorine 1chlorendate ate - Equipment B	ylene  : 2 : 85.5 : NC  Pesticid	CHGC7A41014120001 CHGC7A41021120002	NA Below accept Above accept Acceptance C	1.00 	0.822 0 0 0 20-150	ug/L	103 106
niked Analyte : 2,4,5,6 Type of Spike : Surrogate  10/14/94 10/22/94  Number of Sate Mean % Reconstandard Device  Method : SW8080 Diked Analyte : Dibutyl Type of Spike : Surrogate  10/14/94	6-Tetrachloro-m-x ate - Method Blan  BLK944274 BLK944352  amples very viation  - Organochlorine lchlorendate ate - Equipment B	ylene  C  2 : 85.5 : NC  Pesticid  dank  -EB	CHGC7A41014120001 CHGC7A41021120002 	NA Below accept Above accept Acceptance C	1.00	0.822 0 0 20-150	ug/L ug/L	82. 
piked Analyte : 2,4,5,6 Type of Spike : Surroga  10/14/94 10/22/94  Number of Sa Mean % Recon Standard Den  Method : SW8080 piked Analyte : Dibutyl Type of Spike : Surroga  10/14/94 10/14/94	6-Tetrachloro-m-x ate - Method Blan  BLK944274 BLK944352	ylene  C  2 : 85.5 : NC  Pesticid  dank  -EB	CHGC7A41014120001 CHGC7A41021120002 	NA Below accept Above accept Acceptance C	1.00	0.822 0 0 20-150	ug/L ug/L ug/L	82.

Mean % Recovery

Standard Deviation

: 104

: 2.08

Above acceptance :

Acceptance Criteria 20-150

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOU SPIK		RESULT UNIT	% RECOV
	**********								
	30 - Organochlorii	ne P	esticid	es and PCBs					
ked Analyte : Dibu [.] pe of Spike : Surro	-	, Co	nt nol						
pe of spike . Suffi	ngate - Laborator	/ (0	ntroi						
10/14/94	LCS946620			CHGC7A41014120001	NA	1.00	1.07	ug/L	
10/14/94	LCS946621			CHGC7A41014120001	NA	1.00	0.946	ug/L	9
10/14/94	LCSD946620			CHGC7A41014120001	NA	1.00	1.06	ug/L	
10/14/94	LCSD946621			CHGC7A41014120001	NA	1.00	0.904	ug/L	9
10/22/94	LCS946743			CHGC7A41021120002	NA	1.00	1.03	ug/L	
10/22/94	LCS946744			CHGC7A41021120002	NA	1.00	0.850	ug/L	8
10/22/94	LCSD946743			CHGC7A41021120002	NA	1.00	0.970	ug/L	91
10/22/94	LCSD946744			CHGC7A41021120002	NA	1.00	0.808	ug/L	8:
Number of	Samples	:	8		Below accep	otance :	0		
Mean % Red	overy	:	95.5		Above accep	otance :	0		
Standard [	Peviation	:	9.65		Acceptance	Criteria	20-150		
ked Analyte : Dibut	-		esticide	es and PCBs .					(
oe of Spike : Surro	gate - Method Bla	nk							•
10/14/94	BLK944274			CHGC7A41014120001	NA	1.00	1.05	ug/L	1
10/22/94	BLK944352			CHGC7A41021120002	NA	1.00	0.916	ug/L	92
Number of	Samples	 :	2		Below accep	tance :	0		
	•					-			
Mean % Rec	overy	:	98.5		Above accep	tance :	0		

Method : SW8270 - Semivolatile Organics

Spiked Analyte: 1,2,4-Trichlorobenzene Type of Spike : Laboratory Control

10/03/94	LCS946534	MSMSD141003085801	NA	100	98.1	ug/L	98.0
10/03/94	LCS946628	MSMSD141003085801	NA	100	95.7	ug/L	96.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	91.8	ug/L	92.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	104	ug/L	104

Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 97.5 Above acceptance : 0 Standard Deviation : 5.00 Acceptance Criteria 44-142

AM	DATE NALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVERY
		- Semivolatile chlorobenzene	Organio	es					
	ke : Laborat								
10	)/03/94	LCS946534		MSMSD141003085801	. NA	100	97.3	ug/L	97.0
	0/03/94	LCS946628		MSMSD141003085801		100	93.8	ug/L	94.0
	0/03/94	LCSD946534		MSMSD141003085801		100	91.3	ug/L	91.0
	)/03/94	LCSD946628		MSMSD141003085801		100	100	ug/L	100
	Number of Sa	amples	: 4	!	Below accepta	ance :	0		
	Mean % Recov	=	: 95		Above accepta		0		
	Standard Dev	viation	: 3.	87	Acceptance Cr	riteria 3	32-129		,
metn		- Semivolatile (	rganic	S					
10 10 10	/03/94 /03/94 /03/94 /03/94 /03/94			MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100 100	93.7 90.2 87.8 96.5	ug/L ug/L ug/L ug/L	94.0 90.0 88.0 97.0
Type of Spi 10 10 10 10	ke : Laborat /03/94 /03/94 /03/94 	LCS946534 LCS946628 LCSD946534 LCSD946628	· <b></b> -	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100	90.2 87.8 96.5	ug/L ug/L	90.0 88.0
Type of Spi 10 10 10 10	ke : Laborat /03/94 /03/94 /03/94	LCS946534 LCS946628 LCSD946534 LCSD946628	: 4 : 92	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	90.2 87.8	ug/L ug/L	90.0 88.0
Type of Spi 10 10 10	ke : Laborat /03/94 /03/94 /03/94 /03/94 Number of Sa	LCS946534 LCS946628 LCSD946534 LCSD946628		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta	100 100 100 ce :	90.2 87.8 96.5	ug/L ug/L	90.0 88.0
Type of Spi  10 10 10 Methr	ke : Laborat  /03/94  /03/94  /03/94   Number of Sa Mean % Recov Standard Dev	LCS946534 LCS946628 LCSD946628	: 92 : 4.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 ce :	90.2 87.8 96.5 0	ug/L ug/L	90.0 88.0
Type of Spi  10 10 10 Meth Spiked Analy Type of Spil	ke : Laborat  /03/94  /03/94  /03/94  Number of Sa Mean % Recov Standard Dev  od : SW8270 te : 1,4-Dic ke : Laborat	LCS946534 LCS946628 LCSD946628 LCSD946628  Amples  very  viation  - Semivolatile (chlorobenzene  cory Control	: 92 : 4.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Selow accepta Above accepta Acceptance Cr	100 100 100 	90.2 87.8 96.5 0 0 D-172	ug/L ug/L ug/L	90.0 88.0 97.0
Type of Spi  10 10 10 Meth Spiked Analy Type of Spil	ke : Laborat  /03/94  /03/94  /03/94   Number of Sa Mean % Recov Standard Dev  od : SW8270  te : 1,4-Dic	LCS946534 LCS946628 LCSD946628	: 92 : 4.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 ce :	90.2 87.8 96.5 0	ug/L ug/L	90.0 88.0
Type of Spi  10 10 10 Methors Spiked Analy Type of Spil 10, 10,	ke : Laborat  /03/94  /03/94  /03/94   Number of Sa  Mean % Recov  Standard Dev  od : SW8270  te : 1,4-Dic  ke : Laborat	LCS946534 LCS946628 LCSD946628 LCSD946628  Amples  very  viation  - Semivolatile (chlorobenzene cory Control LCS946534	: 92 : 4.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	90.2 87.8 96.5 0 0 D-172	ug/L ug/L ug/L	90.0 88.0 97.0 
Methor Spiked Analy Type of Spiked 10, 10, 10, 10, 10, 10, 10, 10,	ke : Laborat  /03/94  /03/94  /03/94   Number of Sa  Mean % Recov  Standard Dev  od : SW8270  te : 1,4-Dic  ke : Laborat  /03/94  /03/94	LCS946534 LCS946628 LCSD946628 LCSD946628  Amples  very  viation  - Semivolatile (chlorobenzene tory Control  LCS946534 LCS946628	: 92 : 4.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 .3 03	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 	90.2 87.8 96.5 0 0 D-172	ug/L ug/L ug/L ug/L ug/L	90.0 88.0 97.0
Methor Spiked Analy: Type of Spil  10  10  10  10  10  10  10  10  10  1	ke : Laborat  /03/94  /03/94  /03/94   Number of Sa  Mean % Recov  Standard Dev  od : SW8270  te : 1,4-Dic  ke : Laborat  /03/94  /03/94	LCS946534 LCSD946628 LCSD946628 LCSD946628  Amples Very Viation  - Semivolatile (Chlorobenzene LCS946534 LCS946628 LCSD946628 LCSD946634 LCSD946628	: 92 : 4.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 .3 03  MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 ce: iteria	90.2 87.8 96.5 0 0 D-172 92.0 86.7 86.4	ug/L ug/L ug/L ug/L ug/L ug/L	90.0 88.0 97.0  92.0 87.0 86.0
Methor Spiked Analy Type of Spile 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	ke : Laborat  /03/94  /03/94  /03/94   Number of Sa Mean % Recov Standard Dev  od : SW8270  te : 1,4-Dic ke : Laborat  /03/94  /03/94  /03/94	LCS946534 LCSD946628 LCSD946628 LCSD946628  Amples Very Viation  - Semivolatile (Chlorobenzene LCS946534 LCS946628 LCSD946628 LCSD946628 LCSD946628	: 92 : 4.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 .3 03  MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	100 100 100 	90.2 87.8 96.5 0 0 D-172 92.0 86.7 86.4 94.5	ug/L ug/L ug/L ug/L ug/L ug/L	90.0 88.0 97.0  92.0 87.0 86.0

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOV
Method : SW8270 Spiked Analyte : 2,4,5- Type of Spike : Labora		Organic	s					
10/03/94	LCS946534		MSMSD141003085801	L NA	100	104	ug/L	10
10/03/94	LCS946628		MSMSD141003085801	. NA	100	108	ug/L	10
10/03/94	LCSD946534		MSMSD141003085801	. NA	100	98.0	ug/L	98
10/03/94	LCSD946628		MSMSD141003085801	. NA	100	102	ug/L	1
Number of S	Gamples	: 4		Below accepta	 ance :	0		
Mean % Reco	very	: 10	3	Above accepta	ance :	0		
Standard De	eviation	: 4.	16	Acceptance Co	riteria	37-121		
		,						
Mothed . SUSSE	. Comiveletile	0	_					
Method : SwoZ/C	- Semivolatile	urganıc	S					
piked Analyte : 2,4,6-	Trichlorophenol							
piked Analyte : 2,4,6-	Trichlorophenol							
piked Analyte : 2,4,6-	Trichlorophenol		MSMSD141003085801	NA	100	85.5	ug/L	85
piked Analyte : 2,4,6- Type of Spike : Labora 10/03/94 10/03/94	Trichlorophenol tory Control LCS946534 LCS946628		MSMSD141003085801 MSMSD141003085801		100 100	85.5 90.2	ug/L ug/L	85 9
Diked Analyte : 2,4,6- Type of Spike : Labora 10/03/94 10/03/94 10/03/94	Trichlorophenol tory Control LCS946534 LCS946628 LCSD946534		MSMSD141003085801 MSMSD141003085801	NA NA	. 100 100	90.2 82.7	ug/L ug/L	9 83
oiked Analyte : 2,4,6- Type of Spike : Labora 10/03/94 10/03/94	Trichlorophenol tory Control LCS946534 LCS946628		MSMSD141003085801	NA NA	. 100	90.2	ug/L	9 83
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94	Trichlorophenol tory Control LCS946534 LCS946628 LCSD946534 LCSD946628	 : 4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	90.2 82.7	ug/L ug/L	9 83
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of S	Trichlorophenol tory Control LCS946534 LCS946628 LCSD946534 LCSD946628	: 85	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	. 100 100 100	90.2 82.7 84.7	ug/L ug/L	9 83
piked Analyte : 2,4,6- Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94	Trichlorophenol tory Control LCS946534 LCS946628 LCSD946534 LCSD946628		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta	. 100 100 100 ance :	90.2 82.7 84.7	ug/L ug/L	9 83
piked Analyte : 2,4,6- Type of Spike : Labora  10/03/94 10/03/94 10/03/94 Number of S Mean % Reco	Trichlorophenol tory Control LCS946534 LCS946628 LCSD946534 LCSD946628	: 85	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	. 100 100 100 ance :	90.2 82.7 84.7 0	ug/L ug/L	9 83
piked Analyte : 2,4,6- Type of Spike : Labora  10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946534 LCSD946628	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	. 100 100 100 ance :	90.2 82.7 84.7 0	ug/L ug/L	85. 9 83. 85.
piked Analyte : 2,4,6- Type of Spike : Labora  10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946534 LCSD946628 amples very viation  - Semivolatile (chlorophenol	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	. 100 100 100 ance :	90.2 82.7 84.7 0	ug/L ug/L	9 83
piked Analyte : 2,4,6- Type of Spike : Labora  10/03/94 10/03/94 10/03/94  Number of S Mean % Reco Standard De  Method : SW8270 Diked Analyte : 2,4-Di Type of Spike : Labora	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946528	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 ance : ance :	90.2 82.7 84.7 0. 0 37-144	ug/L ug/L ug/L	83 85 85
niked Analyte : 2,4,6- Type of Spike : Labora  10/03/94 10/03/94 10/03/94  Number of S Mean % Reco Standard De  Method : SW8270 Diked Analyte : 2,4-Di Type of Spike : Labora	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946534 LCSD946628	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA  Below accepta Above accepta Acceptance Cr	100 100 100 ance : ance : riteria	90.2 82.7 84.7 0. 0 37-144	ug/L ug/L ug/L	983 85 85 97.
oiked Analyte : 2,4,6- Type of Spike : Labora  10/03/94 10/03/94 10/03/94 10/03/94  Number of S Mean % Reco Standard De  Method : SW8270 Oiked Analyte : 2,4-Di Type of Spike : Labora	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946528	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 .8	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 ance : ance : riteria	90.2 82.7 84.7 0. 0 37-144 97.4 98.7	ug/L ug/L ug/L ug/L ug/L	983 85 85 97 99
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94  Number of S Mean % Reco Standard De  Method : SW8270 Siked Analyte : 2,4-Di Type of Spike : Labora  10/03/94 10/03/94	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA  Below accepta Above accepta Acceptance Cr	100 100 100 ance : ance : riteria	90.2 82.7 84.7 0. 0 37-144	ug/L ug/L ug/L	983 85 85 97 99 88
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94  Method : SW8270 Standard De  Method : 2,4-Di Type of Spike : Labora  10/03/94 10/03/94 10/03/94 10/03/94	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946628 amples very viation  - Semivolatile ( chlorophenol tory Control  LCS946534 LCSD946628 LCSD946628	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 8 99  MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	100 100 100 ance : ance : riteria	90.2 82.7 84.7 0. 037-144 97.4 98.7 88.3	ug/L ug/L ug/L ug/L ug/L ug/L	83 85 85
### Diked Analyte : 2,4,6- Type of Spike : Labora  ### 10/03/94  ### 10/03/94  ### 10/03/94  ### 10/03/94  ### Method : SW8270  ### Standard De  #### Method : Sw8270  #### Method : 2,4-Di  #### In/03/94  #### 10/03/94  #### 10/03/94  #### 10/03/94  ###################################	Trichlorophenol tory Control  LCS946534 LCS946628 LCSD946628	: 85 : 2.	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 .8 99 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 ance : ance : riteria :	90.2 82.7 84.7 0. 0 37-144 97.4 98.7 88.3 94.8	ug/L ug/L ug/L ug/L ug/L ug/L	983 85 85 97 99 88

ANALYZED 	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 Spiked Analyte : 2,4-Di Type of Spike : Labora		Organics						
10/03/94	LCS946534		MSMSD141003085801	NA	100	63.9	ug/L	64.0
10/03/94	LCS946628		MSMSD141003085801	NA	100	72.2	ug/L	72.
10/03/94	LCSD946534		MSMSD141003085801	NA	100	60.2	ug/L	60.
10/03/94	LCSD946628		MSMSD141003085801	NA	100	84.6	ug/L	85.
Number of S	Gamples	: 4		Below accepta	 nce :	0		
Mean % Reco	overy	: 70.3		Above acceptar	nce :	0		
Standard De	eviation	: 11.0		Acceptance Cr	iteria	D-112		
Method : SW8270	) - Semivolatile	Organics						
piked Analyte : 2,4-Di	nitrophenol							
Type of Spike : Labora	tory Control							
Type of Spike : Labora 10/03/94	LCS946534		MSMSD141003085801	NA	100	64.0	ug/L	64.
	-		MSMSD141003085801 MSMSD141003085801	NA NA	100 100	64.0 152	ug/L ug/L	
10/03/94	LCS946534							15
10/03/94 10/03/94	LCS946534 LCS946628		MSMSD141003085801	NA	100	152	ug/L	15 68.
10/03/94 10/03/94 10/03/94 10/03/94 Number of S	LCS946534 LCS946628 LCSD946534 LCSD946628	: 4	MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	152 68.2	ug/L ug/L	15: 68.
10/03/94 10/03/94 10/03/94 10/03/94 Number of S Mean % Reco	LCS946534 LCS946628 LCSD946634 LCSD946628	: 107	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar	100 100 100 	152 68.2 142 0 0 2	ug/L ug/L	64.0 152 68.0 142
10/03/94 10/03/94 10/03/94 10/03/94 Number of S	LCS946534 LCS946628 LCSD946634 LCSD946628		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar	100 100 100 	152 68.2 142 	ug/L ug/L	152 68.0
10/03/94 10/03/94 10/03/94 	LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile (nitrotoluene	: 107 : 47.0	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar	100 100 100 	152 68.2 142 0 0 2	ug/L ug/L	152 68.0
10/03/94 10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De	LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile (nitrotoluene	: 107 : 47.0	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar	100 100 100 	152 68.2 142 0 0 2	ug/L ug/L	15: 68.
10/03/94 10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De	LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile (nitrotoluene	: 107 : 47.0	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar	100 100 100 	152 68.2 142 0 0 2	ug/L ug/L	15; 68.0 14;
10/03/94 10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De Method : SW8270 Diked Analyte : 2,4-Di Type of Spike : Labora 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946628 LCSD946628  Amples Exercise to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	: 107 : 47.0	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri	100 100 100 	152 68.2 142  0 2 3-132	ug/L ug/L ug/L	15; 68.0 14;
10/03/94 10/03/94 10/03/94 10/03/94 	LCS946534 LCS946628 LCSD946628 LCSD946628  damples every eviation  - Semivolatile ( nitrotoluene tory Control  LCS946534 LCS946628 LCSD946534	: 107 : 47.0	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri NA NA NA	100 100 100 	152 68.2 142 	ug/L ug/L ug/L	153 68.0 143 
10/03/94 10/03/94 10/03/94 10/03/94 	LCS946534 LCS946628 LCSD946628 LCSD946628  Amples Exercise to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	: 107 : 47.0	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri	100 100 100 	152 68.2 142 	ug/L ug/L ug/L ug/L ug/L	153 68.0 143  103 106 99.0
10/03/94 10/03/94 10/03/94 10/03/94 	LCS946534 LCSD946628 LCSD946628  Jamples Every Eviation  Control  LCS946534 LCS946534 LCSD946534 LCSD946628 LCSD946628  LCSD946628  amples	: 107 : 47.0 Organics	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri  NA NA NA NA NA NA NA NA NA NA NA NA NA	100 100 100 	152 68.2 142 	ug/L ug/L ug/L ug/L ug/L ug/L	152 68.0
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De Method : SW8270 piked Analyte : 2,4-Di Type of Spike : Labora 10/03/94 10/03/94 10/03/94	LCS946534 LCSD946628 LCSD946628  Ammples Every Eviation  - Semivolatile ( nitrotoluene tory Control  LCS946534 LCSD946628 LCSD946534 LCSD946628  ammples very	: 107 : 47.0	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below acceptar Above acceptar Acceptance Cri NA NA NA NA NA	100 100 100 	152 68.2 142 	ug/L ug/L ug/L ug/L ug/L ug/L	152 68.0 142  103 106 99.0

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable N

ANALYZED 	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW82 Spiked Analyte : 2,6-I Type of Spike : Labo		Orga	anics						
10/03/94	LCS946534			MSMSD141003085801	NA	100	113	ug/L	113
10/03/94	LCS946628			MSMSD141003085801	NA	100	119	ug/L	119
10/03/94	LCSD946534			MSMSD141003085801	NA	100	112	ug/L	112
10/03/94	LCSD946628			MSMSD141003085801	NA	100	113	ug/L	113
Number of	Samples	:	4		Below accepta	ince :	0		
Mean % Red		:	114		Above accepta	ınce :	0		
Standard I	Deviation	:	3.20		Acceptance Cr	iteria 5	50-158		
Spiked Analyte : 2-Ch	loronaphthalene								
10/03/94 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628	500 day day day		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA NA	100 100 100 100	92.5 92.4 91.1 94.5	ug/L ug/L ug/L ug/L	93.0 9 91.0
10/03/94 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628	:		MSMSD141003085801 MSMSD141003085801	NA NA NA  Below accepta	100 100 100 	92.4 91.1 94.5 	ug/L ug/L	9 91
10/03/94 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946634 LCSD946628 Samples	:	4 92.5 1.29	MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100 	92.4 91.1 94.5	ug/L ug/L	9.
10/03/94 10/03/94 10/03/94 Number of Mean % Rec Standard [	LCS946534 LCS946628 LCSD946628 LCSD946628 Samples covery Deviation	:	92.5 1.29	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	92.4 91.1 94.5 0 0	ug/L ug/L	9 91
10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Rec Standard [	LCS946534 LCS946628 LCSD946628 LCSD946628 Samples covery Deviation	:	92.5 1.29	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	92.4 91.1 94.5 0 0	ug/L ug/L	9 91
10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Rec Standard [	LCS946534 LCS946628 LCSD946628 CSamples Covery Deviation  70 - Semivolatile ( lorophenol ratory Control	:	92.5 1.29	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	92.4 91.1 94.5  0 0 0-118	ug/L ug/L ug/L	9. 94.0
10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Rec Standard [	LCS946534 LCS946628 LCSD946628  Samples Covery Deviation  70 - Semivolatile ( lorophenol ratory Control  LCS946534	:	92.5 1.29	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	92.4 91.1 94.5  0 0 0-118	ug/L ug/L ug/L	96.0 98.0
10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Rec Standard [	LCS946534 LCS946628 LCSD946628  Samples covery Deviation  70 - Semivolatile ( lorophenol ratory Control  LCS946534 LCS946628	:	92.5 1.29	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr  NA NA	100 100 100 	92.4 91.1 94.5  0 0 0-118	ug/L ug/L ug/L ug/L ug/L	96.0 98.0 98.0 89.0
10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Rec Standard [ Method : SW827 piked Analyte : 2-Chl Type of Spike : Labor 10/03/94 10/03/94 10/03/94	LCS946534 LCSD946628 LCSD946628  Samples Covery Deviation  70 - Semivolatile ( lorophenol ratory Control  LCS946534 LCSD946534 LCSD946534 LCSD946628 Samples	:	92.5 1.29	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801  MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 	92.4 91.1 94.5  0 0 0-118 96.1 98.2 89.3	ug/L ug/L ug/L ug/L ug/L ug/L	99.094.0
10/03/94 10/03/94 10/03/94 10/03/94 	LCS946534 LCSD946628 LCSD946628  Samples Covery Deviation  70 - Semivolatile ( lorophenol ratory Control  LCS946534 LCSD946628 LCSD946534 LCSD946628 Samples Covery	: : Orga	92.5 1.29 unics	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801  MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	100 100 100 	92.4 91.1 94.5 	ug/L ug/L ug/L ug/L ug/L ug/L	96.0 98.0 98.0

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270	) - Semivolatile	0rga	anics						
Spiked Analyte : 2-Meth Type of Spike : Labora									
10/03/94	LCS946534			MSMSD141003085801	NA	100	105	ug/L	10
10/03/94	LCS946628			MSMSD141003085801	NA	100	103	ug/L	10
10/03/94	LCSD946534			MSMSD141003085801	NA	100	101	ug/L	10
10/03/94	LCSD946628			MSMSD141003085801	NA 	100	109	ug/L	10
Number of S		:	4		Below accept		0		
Mean % Reco			105		Above accept		0		
Standard De	viation	:	3.42		Acceptance C	riteria 3	37-150		
10/03/94 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628			MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA NA	100 100 100 100	90.9 94.4 85.3 94.7	ug/L ug/L ug/L ug/L	91. 94. 85. 95.
							0	-5, -	
Number of S Mean % Reco			4 91.3		Below accept Above accept		0		
Standard De			4.50		Acceptance C		29-133		
Method : SW8270 Spiked Analyte : 2-Nitr Type of Spike : Labora		Orga	nics						
10/03/94	LCS946534			MSMSD141003085801	NA	100	107	ug/L	10
10/03/94	LCS946628			MSMSD141003085801	NA	100	106	ug/L	10
10/03/94	LCSD946534			MSMSD141003085801	NA	100	105	ug/L	10
10/03/94	LCSD946628			MSMSD141003085801	NA	100	104	ug/L	10
Number of S	amples	:	4		Below accept	ance :	0		<b></b>
Mean % Reco	very	:	106		Above accept	ance :	0		

Acceptance Criteria 40-149

Standard Deviation : 1.29

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
**									
	- Semivolatile	0rga	nics						
iked Analyte : 2-Nitr ype of Spike : Labora									
10/03/94	LCS946534			MSMSD141003085801		100	103	ug/L	1
10/03/94	LCS946628			MSMSD141003085801		100	106	ug/L	1
10/03/94 10/03/94	LCSD946534 LCSD946628			MSMSD141003085801 MSMSD141003085801		100	97.2	ug/L	97
10/ 03/ 54				M3M3D1410U3U838U1	NA 	100	102	ug/L	1
Number of S		:	4		Below accepta		0		
Mean % Reco Standard De		:			Above accepta		0		
Standard De	viation	:	3.74		Acceptance Cr	nteria 2	9-182		
Method: SW8270		nya	11103						
iked Analyte : 3,3'-D	ichlorobenzidine	Jrya		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA NA	100 100 100 100	129 150 124 35.8	ug/L ug/L ug/L ug/L	
iked Analyte : 3,3'-D ype of Spike : Labora 10/03/94 10/03/94 10/03/94	ichlorobenzidine tory Control LCS946534 LCS946628 LCSD946534 LCSD946628	 :	4	MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	150 124	ug/L ug/L	
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of So	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946634 LCSD946628		4 110	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	150 124 35.8	ug/L ug/L	
iked Analyte : 3,3'-D ype of Spike : Labora 10/03/94 10/03/94 10/03/94 	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946634 LCSD946628	:	4	MSMSD141003085801 MSMSD141003085801	NA NA NA  Below accepta	100 100 100 	150 124 35.8	ug/L ug/L	
liked Analyte : 3,3'-D lype of Spike : Labora 10/03/94 10/03/94 10/03/94 	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: :	4 110 50.4	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	150 124 35.8 0 0	ug/L ug/L	
Number of Solution of Spike : Sw8270  Method : Sw8270  iked Analyte : 3,3'-D  ype of Spike : Labora	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile Opaniline cory Control	: :	4 110 50.4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	150 124 35.8  0 0 D-262	ug/L ug/L ug/L	36
wiked Analyte : 3,3'-D Type of Spike : Labora  10/03/94 10/03/94 10/03/94  Number of S. Mean % Record Standard Der  Method : SW8270 iked Analyte : 3-Nitro Type of Spike : Laboration	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: :	4 110 50.4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	150 124 35.8  0 0 D-262	ug/L ug/L ug/L	36
Method: SW8270 iked Analyte: 3,3'-D iype of Spike: Labora  10/03/94 10/03/94	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile Opaniline cory Control  LCS946534 LCS946628	: :	4 110 50.4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801  MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	150 124 35.8 0 0 D-262	ug/L ug/L ug/L ug/L ug/L	1 1 1
wiked Analyte : 3,3'-D Type of Spike : Labora  10/03/94 10/03/94 10/03/94  Number of S. Mean % Record Standard Der  Method : SW8270 iked Analyte : 3-Nitro Type of Spike : Laboration	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: :	4 110 50.4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	150 124 35.8  0 0 D-262	ug/L ug/L ug/L	36
Method: SW8270  Method: Spike: Laborat  Number of Some Standard Device Spike: Laborat  Method: SW8270  Method: Method: SW8270  Method: Method: SW8270  Method: SW8270  Method: Method: SW8270  Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method: Method:	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile Opaniline cory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: : :	4 110 50.4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA	100 100 100 	150 124 35.8 	ug/L ug/L ug/L ug/L ug/L ug/L	36 
Method: SW8270 iked Analyte: 3,3'-D ype of Spike: Labora  10/03/94 10/03/94	ichlorobenzidine tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile O coniline cory Control  LCS946534 LCS946628 LCSD946534 LCSD946628	: : :	4 110 50.4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 	150 124 35.8 	ug/L ug/L ug/L ug/L ug/L ug/L	36 

ANALYZED					ORIG.	AMOUNT		RESULT	%
	SAMPLE ID			BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
Make de CNICOS	70 Cil-+i-l-	0							
metriod : 5w62/ piked Analyte : 4,6-{ Type of Spike : Labor		_							
10/03/94	LCS946534			MSMSD141003085801	NA	100	63.2	ug/L	63
10/03/94	LCS946628			MSMSD141003085801	NA	100	139	ug/L	1
10/03/94	LCSD946534			MSMSD141003085801	NA	100	72.1	ug/L	72
10/03/94	LCSD946628			MSMSD141003085801	NA	100	129	ug/L	1
Number of	•	:			Below accepta	ance :	0		
Mean % Rec	=		101		Above accepta		0		
Standard [	Deviation	:	38.8		Acceptance Co	riteria	D-191		
			•						
10/03/94	LCS946534 LCS946628			MSMSD141003085801 MSMSD141003085801	· NA NA	100 100	98.5 106	ug/L	. 99
10/03/94 10/03/94	LCSD946534			MSMSD141003085801		100	99.3	ug/L ug/L	.1
				MSMSD141003085801 MSMSD141003085801				-	99 1
10/03/94	LCSD946534 LCSD946628		4		NA	100 100	99.3	ug/L	.1 99
10/03/94 10/03/94	LCSD946534 LCSD946628 Samples		4 101		NA NA	100 100 ance :	99.3 101	ug/L	.1 99
10/03/94 10/03/94 	LCSD946534 LCSD946628 Samples	:			NA NA Below accepta	100 100 	99.3 101 0	ug/L	99
10/03/94 10/03/94 Number of Mean % Rec	LCSD946534 LCSD946628 Samples	:	101		NA NA Below accepta Above accepta	100 100 	99.3 101 0 0	ug/L	1 99
10/03/94 10/03/94 Number of Mean % Rec Standard D	LCSD946534 LCSD946628 Samples covery deviation  0 - Semivolatile (	: : Orga	101 3.30		NA NA Below accepta Above accepta	100 100 	99.3 101 0 0	ug/L	1 99
10/03/94 10/03/94 Number of Mean % Rec Standard D Method : SW827	LCSD946534 LCSD946628 Samples covery deviation  0 - Semivolatile ( oro-3-methylpheno	: : Orga	101 3.30		NA NA Below accepta Above accepta	100 100 	99.3 101 0 0	ug/L	.1 99
10/03/94 10/03/94 Number of Mean % Rec Standard D Method : SW827	LCSD946534 LCSD946628 Samples covery deviation  0 - Semivolatile ( oro-3-methylpheno	: : Orga	101 3.30		NA NA Below accepta Above accepta	100 100 	99.3 101 0 0	ug/L	1 99 1
10/03/94 10/03/94 Number of Mean % Rec Standard D Method : SW827 Diked Analyte : 4-Chl	LCSD946534 LCSD946628 Samples overy Deviation  O - Semivolatile ( oro-3-methylpheno atory Control	: : Orga	101 3.30	MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 ance : ance :	99.3 101 0 0 53-127	ug/L ug/L	99 1
10/03/94 10/03/94 Number of Mean % Rec Standard D Method : SW827 Diked Analyte : 4-Chl Type of Spike : Labor 10/03/94 10/03/94 10/03/94	LCSD946534 LCSD946628 Samples overy Deviation  O - Semivolatile ( oro-3-methylpheno atory Control  LCS946534	: : Orga	101 3.30	MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 ance : ance : riteria	99.3 101 0 0 53-127	ug/L ug/L	99 1
10/03/94 10/03/94 Number of Mean % Rec Standard D  Method : SW827 piked Analyte : 4-Chl Type of Spike : Labor  10/03/94 10/03/94	LCSD946534 LCSD946628 Samples covery Deviation  O - Semivolatile ( oro-3-methylpheno atory Control  LCS946534 LCS946628	: : Orga	101	MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 ance : ance : riteria !	99.3 101 0 0 53-127	ug/L ug/L  ug/L ug/L	1 99
10/03/94 10/03/94 Number of Mean % Rec Standard D Method : SW827 piked Analyte : 4-Chl Type of Spike : Labor 10/03/94 10/03/94 10/03/94	LCSD946534 LCSD946628 Samples covery Deviation  O - Semivolatile of coro-3-methylpheno-atory Control  LCS946534 LCS946628 LCSD946534 LCSD946628	: : Orga	101	MSMSD141003085801  MSMSD141003085801  MSMSD141003085801  MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 ance : ance : riteria :	99.3 101 0 0 53-127 99.1 98.4 92.5	ug/L ug/L 	99 1  99 98 93
10/03/94 10/03/94 Number of Mean % Rec Standard D Method : SW827 Diked Analyte : 4-Chl Type of Spike : Labor 10/03/94 10/03/94 10/03/94	LCSD946534 LCSD946628  Samples overy Deviation  0 - Semivolatile ( oro-3-methylpheno atory Control  LCS946534 LCSD946628 LCSD946628  LCSD946628	: : Orga	101 3.30	MSMSD141003085801  MSMSD141003085801  MSMSD141003085801  MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	100 100 ance : ance : riteria : 100 100 100 100	99.3 101 0 0 53-127 99.1 98.4 92.5 97.0	ug/L ug/L 	99 1  99 98 93

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 Spiked Analyte : 4-Chlo Type of Spike : Labora								
10/03/94	LCS946534		MSMSD141003085801	. NA	100	111	ug/L	11
10/03/94	LCS946628		MSMSD141003085801	. NA	100	113	ug/L	11
10/03/94	LCSD946534		MSMSD141003085801	. NA	100	110	ug/L	11
10/03/94	LCSD946628		MSMSD141003085801	. NA	100	112	ug/L	13
Number of S Mean % Reco Standard De	very	: 4 : 112 : 1.29	·	Below acceptar Above acceptar Acceptance Cr	nce :	0 0 5-158	·	
piked Analyte : 4-Meth	_	•						
oiked Analyte : 4-Meth	ylphenol/3-Methy	•	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA	100 100 100 100	88.7 92.9 85.3 94.4	ug/L ug/L ug/L ug/I	 85
oiked Analyte : 4-Meth Type of Spike : Labora 10/03/94 10/03/94 10/03/94	ylphenol/3-Methy tory Control LCS946534 LCS946628 LCSD946534 LCSD946628	l pheno l	MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100	92.9	ug/L	89. 89. 94.
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of Sa	ylphenol/3-Methy tory Control LCS946534 LCS946628 LCSD946534 LCSD946628	lphenol:	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar	100 100 100	92.9 85.3 94.4 	ug/L ug/L	85.
piked Analyte : 4-Meth Type of Spike : Labora 10/03/94 10/03/94 10/03/94	ylphenol/3-Methy tory Control LCS946534 LCS946628 LCSD946534 LCSD946628	l pheno l	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100 nce :	92.9 85.3 94.4	ug/L ug/L	85.
piked Analyte : 4-Meth Type of Spike : Labora 10/03/94 10/03/94 10/03/94 	ylphenol/3-Methy tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar	100 100 100 nce :	92.9 85.3 94.4 0 0	ug/L ug/L	 85
piked Analyte : 4-Meth Type of Spike : Labora 10/03/94 10/03/94 10/03/94 Number of Sa Mean % Recon Standard Dev	ylphenol/3-Methy tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar	100 100 100 nce :	92.9 85.3 94.4 0 0	ug/L ug/L	 85
piked Analyte : 4-Meth Type of Spike : Labora 10/03/94 10/03/94 10/03/94 Number of Sa Mean % Recon Standard Den	ylphenol/3-Methy tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri	100 100 100 nce :	92.9 85.3 94.4 0 0	ug/L ug/L ug/L	85.
niked Analyte : 4-Meth Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of Sa Mean % Recon Standard Dev	ylphenol/3-Methy tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile ( caniline cory Control	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri	100 100 100 nce: nce:	92.9 85.3 94.4  0 0 0-135	ug/L ug/L	94.
Number of Same and Standard Device Analyte: 4-Methy ype of Spike: Labora 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94	ylphenol/3-Methy tory Control  LCS946534 LCS946534 LCSD946534 LCSD946628	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below acceptar Above acceptar Acceptance Cri	100 100 100 	92.9 85.3 94.4  0 0 0-135	ug/L ug/L ug/L	96.
piked Analyte : 4-Meth Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of Sa Mean % Recon Standard Dev Method : SW8270 Diked Analyte : 4-Nitro Type of Spike : Laborat 10/03/94 10/03/94	ylphenol/3-Methy tory Control  LCS946534 LCS946534 LCSD946534 LCSD946628	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801  MSMSD141003085801 MSMSD141003085801	NA NA Below acceptar Above acceptar Acceptance Cri	100 100 100 	92.9 85.3 94.4  0 0 0-135	ug/L ug/L ug/L	94.
Method : SW8270 iked Analyte : 4-Method : SW8270 iked Analyte : 4-Nitro ype of Spike : Laborat  10/03/94 10/03/94  Number of Samean % Reconstandard Dev	ylphenol/3-Methy tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile ( paniline tory Control  LCS946534 LCS946628 LCSD946628	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri NA NA NA NA NA	100 100 100 nce: nce: teria 2	92.9 85.3 94.4 	ug/L ug/L  ug/L ug/L ug/L	96. 10
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Method : SW8270 Standard Dev  Method : SW8270 Standard Dev  10/03/94 10/03/94 10/03/94 10/03/94	ylphenol/3-Methy tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile ( paniline cory Control  LCS946534 LCSD946534 LCSD946628 LCSD946628	: 4 : 90.3 : 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptar Above acceptar Acceptance Cri NA NA NA	100 100 100 nce: nce: iteria 2	92.9 85.3 94.4 	ug/L ug/L  ug/L ug/L ug/L	96. 10

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	- Semivolatile	Organics						
Spiked Analyte : 4-Nitr Type of Spike : Labora								
Type of Spike . Labora	cory control							
10/03/94	LCS946534		MSMSD141003085801		100	110	ug/L	1:
10/03/94	LCS946628		MSMSD141003085801		100	111	ug/L	11
10/03/94	LCSD946534		MSMSD141003085801		100	105	ug/L	10
10/03/94	LCSD946628		MSMSD141003085801	NA 	100	106	ug/L	11
Number of S	amples	: 4		Below accepta	nce :	0		
Mean % Reco	very	: 108		Above accepta	nce :	0		
Standard De	viation	: 2.94		Acceptance Cr	iteria	D-132		
						•		
	- Semivolatile	Urganics						
Spiked Analyte : Acenap Type of Spike : Labora								
10/03/94	LCS946534		MSMSD141003085801		100	101	ug/L	10
10/03/94	LCS946628		MSMSD141003085801		100	102	ug/L	10
10/03/94	LCSD946534		MSMSD141003085801		100 100	92.9 101	ug/L ug/L	93 10
10/03/94 	LCSD946628		MSMSD141003085801				ug/ L	
Number of S	amples	: 4		Below accepta	nce :	0		
Mean % Reco	very	: 99.3		Above accepta		0		
Standard De	viation	: 4.19		Acceptance Cr	iteria 4	17-145		
	- Semivolatile	Organics						
Spiked Analyte : Acenap								
Type of Spike : Labora	tory Control							
10/03/94	LCS946534		MSMSD141003085801	NA	100	109	ug/L	1
10/03/94	LCS946628		MSMSD141003085801	NA	100	111	ug/L	1
10/03/94	LCSD946534		MSMSD141003085801	NA	100	104	ug/L	1
10/03/94	LCSD946628		MSMSD141003085801	NA	100	109	ug/L	1
Number of S	 amples	: 4		Below accepta	 nce :	0		
Mean % Reco		: 108		Above accepta		0		
Standard De		: 2.99		Acceptance Cr		33-145		
				•				

NR = Not Reported * = Value considered suspect, refer to QC report D0 = Diluted Out

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	. AMOUN		RESULT UNIT	% RECOVE
Method : SW82 piked Analyte : Anth	270 - Semivolatile	0rg	anics						
Type of Spike : Labo									
10/03/94	LCS946534			MSMSD141003085801		100	109	ug/L	10
10/03/94 10/03/94	LCS946628 LCSD946534			MSMSD141003085801 MSMSD141003085801		100	114	ug/L	11
10/03/94	LCSD946628			MSMSD141003085801		100 100	106 113	ug/L ug/L	10 11
Number of	Samples	 :	4		Below accept	 tance :	0		
Mean % Re	covery	:	111		Above accept		0		
Standard	Deviation	:	3.70		Acceptance (	Criteria	27-133		
piked Analyte : Benz Type of Spike : Labo 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628			MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100 100	107 113 104 113	ug/L ug/L ug/L ug/L	110
Number of Mean % Re		:	4 1 <b>0</b> 9		Below accept Above accept		0 0		
	Deviation		4.50		Acceptance C		33-143		
Method : SW82 wiked Analyte : Benzo Type of Spike : Labo		Orga	nics						
10/03/94	LCS946534			MSMSD141003085801	NA	100	100	ug/L	10
10/03/94	LCS946628			MSMSD141003085801	NA	100	106	ug/L	10
10/03/94	LCSD946534			MSMSD141003085801	NA	100	101	ug/L	10
10/03/94	LCSD946628			MSMSD141003085801	NA	100	107	ug/L	10
Number of	Samples	:	4		Below accept	ance :	0		
Mean % Red	•	:	104		Above accept		0		
1 bachast2			2 E1			· •	•		

Standard Deviation

: 3.51

Acceptance Criteria 17-163

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	0 - Semivolatile	0rg	anics						
Spiked Analyte : Benzo Type of Spike : Labor									
Type of Spike . Labor	atory control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	102	ug/L	1
10/03/94	LCS946628			MSMSD141003085801	NA	100	107	ug/L	1
10/03/94	LCSD946534			MSMSD141003085801	NA	100	90.3	ug/L	90
10/03/94	LCSD946628			MSMSD141003085801	NA	100	98.9	ug/L	99
Number of	Samples	:	4		Below accept	ance :	0		
Mean % Rec	-	:	99.5		Above accept		0		
Standard D	eviation	:	7.14		Acceptance C	riteria :	24-159		
Spiked Analyte : Benzo		0rga	anics						
Type of Spike : Labor	atory Control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	108	ug/L	10
10/03/94	LCS946628			MSMSD141003085801	NA	100	126	ug/L	12
10/03/94	LCSD946534			MSMSD141003085801	NA	100	107	ug/L	10
10/03/94	LCSD946628			MSMSD141003085801	NA	100	126	ug/L	12
Number of	Samples	:	4		Below accepta	ance :	0		
Mean % Rec	overy	:	117		Above accepta	ance :	0	•	
Standard D	eviation	:	10.7		Acceptance C	riteria	D-219		
Method : SW827	O - Semivolatile	0rga	anics						
Spiked Analyte : Benzo									
Type of Spike : Labora	atory Control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	102	ug/L	10
10/03/94	LCS946628			MSMSD141003085801	NA	100	106	ug/L	10
10/03/94	LCSD946534			MSMSD141003085801	NA	100	82.1	ug/L	82.
10/03/94	LCSD946628			MSMSD141003085801	NA	100	116	ug/L	1
Number of S		 :	4		Below accepta	ance ·	0		
Mean % Rec	•		102		Above accepta		0		
riean / Reci	JAE! A	•	102		unose arrebre	ance .	v		

Standard Deviation : 14.3

Acceptance Criteria 11-162

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
					***************************************			
Method : SW8270 piked Analyte : Benzoi	) - Semivolatile	Organi	cs					
Type of Spike : Labora								
10/03/94	LCS946534		MSMSD141003085801	. NA	100	93.2	ug/L	93
10/03/94	LCS946628		MSMSD141003085801	. NA	100	93.8	ug/L	94
10/03/94	LCSD946534		MSMSD141003085801	. NA	100	94.2	ug/L	94
10/03/94	LCSD946628		MSMSD141003085801	NA	100	93.6	ug/L	94
Number of S	•	:	4	Below accepta	ince :	0		
Mean % Reco	•	: 9	3.8	Above accepta	ince :	0		
Standard De	viation	: 0	.500	Acceptance Cr	riteria	0-294		
N 11 1 01/0070	- Semivolatilo	Organi	CS					
Method : SW8270		- · J-····						
piked Analyte : Benzyl	alcohol	<b>J</b>						
piked Analyte : Benzyl	alcohol	3	MSMSD141003085801	NA	100	106	ua/L	10
piked Analyte : Benzyl Type of Spike : Labora	alcohol tory Control	- J		NA NA	100 100	106 107	ug/L ug/L	10
piked Analyte : Benzyl Type of Spike : Labora 10/03/94	alcohol tory Control LCS946534	- 3	MSMSD141003085801				ug/L	10
oiked Analyte : Benzyl Type of Spike : Labora 10/03/94 10/03/94	alcohol tory Control LCS946534 LCS946628		MSMSD141003085801 MSMSD141003085801	NA	100	107	_	,
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of Sa	alcohol tory Control  LCS946534 LCS946628 LCSD946534 LCSD946628		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	107 103	ug/L ug/L	
oiked Analyte : Benzyl Type of Spike : Labora 10/03/94 10/03/94 10/03/94 Number of Sa Mean % Recov	alcohol tory Control  LCS946534 LCS946628 LCSD946534 LCSD946628  amples	: 10	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	107 103 109	ug/L ug/L	K
piked Analyte : Benzyl Type of Spike : Labora 10/03/94 10/03/94 10/03/94 Number of Sa	alcohol tory Control  LCS946534 LCS946628 LCSD946534 LCSD946628  amples		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA  Below accepta	100 100 100 	107 103 109	ug/L ug/L	,
piked Analyte : Benzyl Type of Spike : Labora  10/03/94  10/03/94  10/03/94  Number of Sa Mean % Recov	alcohol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	107 103 109	ug/L ug/L	,
piked Analyte : Benzyl Type of Spike : Labora  10/03/94  10/03/94  10/03/94  10/03/94  Number of Sa Mean % Recov Standard Dev	alcohol tory Control  LCS946534 LCS946628 LCSD946534 LCSD946628	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	107 103 109	ug/L ug/L	K
piked Analyte : Benzyl Type of Spike : Labora 10/03/94 10/03/94 10/03/94 Number of Sa Mean % Recov Standard Dev	alcohol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	107 103 109	ug/L ug/L	
piked Analyte : Benzyl Type of Spike : Labora  10/03/94  10/03/94  10/03/94  10/03/94  Number of Sa  Mean % Recon Standard Den  Method : SW8270  piked Analyte : Butylbe	alcohol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	107 103 109  0 0 NS	ug/L ug/L ug/L	10
niked Analyte : Benzyl Type of Spike : Labora  10/03/94  10/03/94  10/03/94  10/03/94  Number of Sa  Mean % Recove Standard Development of Sa  Method : SW8270  piked Analyte : Butylbe Type of Spike : Laborat	alcohol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile (enzylphthalate tory Control	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	107 103 109  0 0 NS	ug/L ug/L ug/L	11
piked Analyte : Benzyl Type of Spike : Labora  10/03/94  10/03/94  10/03/94  10/03/94  Number of Sa Mean % Recov Standard Dev  Method : SW8270  piked Analyte : Butylbe Type of Spike : Laborat	alcohol tory Control  LCS946534 LCS946628 LCSD946628  LCSD946628  amples very viation  - Semivolatile (enzylphthalate tory Control  LCS946534	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 406 .50	NA NA NA Below accepta Above accepta Acceptance Cr NA NA	100 100 100 	107 103 109 	ug/L ug/L ug/L ug/L ug/L	11
niked Analyte : Benzyl Type of Spike : Labora  10/03/94 10/03/94 10/03/94  Number of Sa Mean % Recov Standard Dev  Method : SW8270  Miked Analyte : Butylbe Type of Spike : Laborat  10/03/94 10/03/94	alcohol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile (enzylphthalate tory Control  LCS946534 LCS946628	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	107 103 109  0 0 NS	ug/L ug/L ug/L	111 10
niked Analyte : Benzyl Type of Spike : Labora  10/03/94 10/03/94 10/03/94 10/03/94  Number of Sa Mean % Recon Standard Den  Method : SW8270 Tiked Analyte : Butylbe Type of Spike : Laborat  10/03/94 10/03/94 10/03/94	alcohol tory Control  LCS946534 LCS946628 LCSD946628  Amples Very Viation  - Semivolatile (enzylphthalate tory Control  LCS946534 LCS946534 LCSD946534 LCSD946628	: 10 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 406 .50 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	100 100 100 	107 103 109 0 0 NS	ug/L ug/L ug/L  ug/L ug/L ug/L	11
10/03/94	alcohol tory Control  LCS946534 LCS946628 LCSD946628  amples very viation  - Semivolatile (enzylphthalate tory Control  LCS946534 LCS946534 LCS946628 LCSD946628	: 16 : 2	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 406 .50 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 	107 103 109 0 0 NS	ug/L ug/L ug/L  ug/L ug/L ug/L	111 111 100

DATE ANALYZE	ED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method :	SW8270 -	Semivolatile	Orga	nics						
piked Analyte :		JOHN VOIGETTE	or go							
Type of Spike :	Laborator	y Control								
10/03/9	94	LCS946534			MSMSD141003085801	. NA	100	105	ug/L	1
10/03/9		LCS946628			MSMSD141003085801		100	103	ug/L	1
10/03/9		LCSD946534			MSMSD141003085801		100	98.4	ug/L	98
10/03/9		LCSD946628			MSMSD141003085801	. NA	100	103	ug/L	1
Numbe	er of Samp	les	 :	4		Below accepta	ince :	0		
Mean	% Recover	у	:	102		Above accepta	ince :	0		
Stand	dard Devia	tion	:	2.99		Acceptance Cr	iteria 1	7-168		
Method :	SW8270 -	Semivolatile (	Jraa	nics						
iked Analyte : //pe of Spike :  10/03/9 10/03/9 10/03/9 Numbe Mean	Di-n-octy Laborator 4 4	lphthalate y Control  LCS946534 LCS946628 LCSD946634 LCSD946628	:	4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA	nce :	121 122 117 127  0 0 4-146	ug/L ug/L ug/L ug/L	1 1
wiked Analyte:  ype of Spike:  10/03/9 10/03/9 10/03/9 Numbe Mean Stand  Method: iked Analyte:	Di-n-octy Laborator  4 4 4 4 4 7 7 8 7 8 8 8 8 8 8 8 8 8 8	Iphthalate y Control  LCS946534 LCS946628 LCSD946628 les y tion  Semivolatile (h)anthracene	: :	4 122 4.11	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100  nce :	122 117 127 0 0	ug/L ug/L	1 1
iked Analyte: ype of Spike:  10/03/9 10/03/9 10/03/9 Numbe Mean Stand  Method: iked Analyte:	Di-n-octy Laborator  4 4 4 4 4 7 7 8 7 8 8 8 8 8 8 8 8 8 8	Iphthalate y Control  LCS946534 LCS946628 LCSD946628 les y tion  Semivolatile (h)anthracene	: :	4 122 4.11	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100  nce :	122 117 127 0 0	ug/L ug/L	1 1
iked Analyte: ype of Spike:  10/03/9 10/03/9 10/03/9 Numbe Mean Stand  Method: iked Analyte:	Di-n-octy Laborator  4  4  4  4  7  Recover ard Devia  SW8270 - : Dibenz(a,  Laborator;	Iphthalate y Control  LCS946534 LCS946628 LCSD946628 les y tion  Semivolatile (h)anthracene	: :	4 122 4.11	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100  nce :	122 117 127 0 0	ug/L ug/L	1 1 1 1
iked Analyte : ype of Spike :  10/03/9 10/03/9 10/03/9 Numbe Mean Stand  Method : iked Analyte : ype of Spike :	Di-n-octy Laborator  4  4  4  4  7  8  Recover lard Devia  SW8270 - :  Dibenz(a,l  Laborator;	Iphthalate y Control  LCS946534 LCS946628 LCSD946628 les y tion  Semivolatile (h)anthracene y Control	: :	4 122 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	122 117 127 0 0 0 4-146	ug/L ug/L ug/L	1 1 1 1
iked Analyte : ype of Spike :  10/03/9 10/03/9 10/03/9 Numbe Mean Stand  Method : iked Analyte : ype of Spike :	Di-n-octy Laborator  4  4  4  4  7  8  Recover lard Devia  SW8270 - S  Dibenz(a, l  Laborator  4	Iphthalate y Control  LCS946534 LCS946628 LCSD946628	: :	4 122 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	122 117 127  0 0 4-146	ug/L ug/L ug/L	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Number   Nethod   N	Di-n-octy Laborator  4 4 4 4 4 7 7 8 8 8 8 8 8 8 8 8 8 8 8	lphthalate y Control  LCS946534 LCS946628 LCSD946628	: :	4 122 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	122 117 127 	ug/L ug/L ug/L ug/L ug/L	95
Method: iked Analyte: ype of Spike:  10/03/9 10/03/9 10/03/9 10/03/9 10/03/9 10/03/9 10/03/9	Di-n-octy Laborator  4 4 4 4 4 7 7 8 7 8 8 8 8 8 8 8 8 8 8	lphthalate y Control  LCS946534 LCS946628 LCSD946628 les y tion  Semivolatile Chlanthracene y Control  LCS946534 LCS946638 LCSD946628 LCSD946628	: :	4 122 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA	100 100 100 	122 117 127 	ug/L ug/L ug/L ug/L ug/L ug/L	95 1
Method: iked Analyte: ype of Spike:  10/03/9 10/03/9 10/03/9 Numbe Mean Stand  Method: iked Analyte: ype of Spike:  10/03/9 10/03/9 10/03/9 10/03/9	Di-n-octy Laborator  4  4  4  4  Tr of Samp  % Recover lard Devia  SW8270 - : Dibenz(a,  Laborator;  4  4  4	lphthalate y Control  LCS946534 LCS946628 LCSD946628	: : : :	4 122 4.11	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 	122 117 127 	ug/L ug/L ug/L ug/L ug/L ug/L	95 1

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN1 SPIKED		RESULT UNIT	% RECOVE
Nothed CH0270	C	0							
method : Sw8270 piked Analyte : Dibenz	- Semivolatile ofuran	urga	anics						
Type of Spike : Labora									
	-								
10/03/94	LCS946534			MSMSD141003085801	L NA	100	105	ug/L	1
10/03/94	LCS946628			MSMSD141003085801		100	105	ug/L	1
10/03/94	LCSD946534			MSMSD141003085801	. NA	100	99.4	ug/L	99
10/03/94	LCSD946628			MSMSD141003085801	. NA	100	104	ug/L	1
Number of S	amples	:	4		Below accept	 ance :	0		
Mean % Reco		:	103		Above accept		0		
Standard De	viation	:	2.87		Acceptance C	riteria	67-122		
	- Semivolatile	Orga	anics						
iked Analyte : Dibuty	•								
ype of Spike : Labora	tory Control						•		
10/03/94	LCS946534			MSMSD141003085801	. NA	100	105	ug/L	1
10/03/94	LCS946628			MSMSD141003085801	NA	100	111	ug/L	4
10/03/94	LCSD946534			MSMSD141003085801	NA	100	105	ug/L	•
10/03/94	LCSD946628			MSMSD141003085801	NA	100	109	ug/L	1
Number of Sa	amnles	 :	4		Below accepta		0		
Mean % Recov	•		108		Above accepta		0		
Standard Dev	-		3.00		Acceptance Ci		1-118		
					поториано о	755, 14	1 110		
Method : SW8270		)rga	nics						
iked Analyte : Diethyl									
ype of Spike : Laborat	ory Control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	109	ug/L	1
10/03/94	LCS946628			MSMSD141003085801	NA	100	112	ug/L	1
10/03/94	LCSD946534			MSMSD141003085801	NA	100	107	ug/L	1
10/03/94	LCSD946628			MSMSD141003085801	NA	100	110	ug/L	1
Number of Sa	 umples	· :	4		Below accepta	nce ·	0		
Mean % Recov		:			Above accepta		0		
Standard Dev	=	:			Acceptance Cr		67 <b>-</b> 143		
Standard Dev	, 45 (01)	•	2.00		weehrance Cl	ireita	J/ ~14J		

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVEI
Method : SW8270	) - Semivolatile	Organics						
piked Analyte : Dimeth								
Type of Spike : Labora	itory Control							
10/03/94	LCS946534		MSMSD141003085801	NA	100	106	ug/L	1
10/03/94	LCS946628		MSMSD141003085801	NA	100	109	ug/L	:
10/03/94	LCSD946534		MSMSD141003085801	NA	100	103	ug/L	1
10/03/94	LCSD946628		MSMSD141003085801	NA	100	106	ug/L	1
Number of S	amples	: 4		Below accept	ance :	0		
Mean % Reco	very	: 106		Above accept	ance :	0		
Standard De	viation	: 2.45		Acceptance C	riteria	68-127		
Mothed - CUCCTO	- Semivolatile	Organico						
piked Analyte : Diphen		organics						
Type of Spike : Labora	<del>-</del>							
Type of optice : Eusora								
10/03/94	LCS946534		MSMSD141003085801	NA	100	95.1	ug/L	95
10/03/94	LCS946628		MSMSD141003085801	NA	100	102	ug/L	1
10/03/94	LCSD946534		MSMSD141003085801	NA	100	95.9	ug/L	96
10/03/94	LCSD946628		MSMSD141003085801	NA 	100	87.1	ug/L	87 
Number of S	amples	: 4		Below accepta	ance :	0		
Mean % Reco	very	: 95.0		Above accepta	ance :	0		
Standard De	viation	: 6.16		Acceptance Co	riteria	NS		
Method : SW8270	- Semivolatile	Organics						
piked Analyte : Fluora	nthene							
Type of Spike : Labora	tory Control							
10/03/94	LCS946534		MSMSD141003085801	NA	100	97.6	ug/L	98
10/03/94	LCS946628		MSMSD141003085801	NA	100	105	ug/L	1
10/03/94	LCSD946534		MSMSD141003085801	NA	100	98.9	ug/L	99
10/03/94	LCSD946628		MSMSD141003085801	NA	100	104	ug/L	1
Number of S	amples	: 4		Below accepta	ance :	0		
Mean % Reco	•	: 102		Above accepta		0		

Standard Deviation : 3.51

Acceptance Criteria 26-137

ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
*********									
Method : SW8270	- Semivolatile	0rga	anics						
piked Analyte : Fluoren									
Type of Spike : Laborato	ory Control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	93.0	ug/L	93
10/03/94	LCS946628			MSMSD141003085801	NA	100	93.7	ug/L	94
10/03/94	LCSD946534			MSMSD141003085801	NA	100	92.0	ug/L	92
10/03/94	LCSD946628			MSMSD141003085801	NA	100	90.7	ug/L	91
Number of Sar	mples	:	4		Below accepta	ance :	0		
Mean % Recove	ery	:	92.5		Above accepta	ance :	0		
Standard Dev	iation	:	1.29		Acceptance Co	riteria	59-121		
Method : SW8270 -	- Semivolatile	0rga	ınics						
iked Analyte : Hexachlo	orobenzene								
ype of Spike : Laborato	ory Control		•						
10/03/94	LCS946534			MSMSD141003085801	NA	100	98.4	ug/L	98
10/03/94	LCS946628			MSMSD141003085801	NA	100	104	ug/L	4
10/03/94	LCSD946534			MSMSD141003085801	NA	100	99.6	ug/L	1
10/03/94	LCSD946628			MSMSD141003085801	NA	100	105	ug/L	1
Number of Sam	mples	:	4		Below accepta	ance :	0		
Mean % Recove	_	:	102		Above accepta	ance :	0		
Standard Devi	iation	:	3.30		Acceptance Cr	riteria	D-152		
Method : SW8270 -		Orga	nics						
iked Analyte : Hexachlo									
iked Analyte : Hexachlo ype of Spike : Laborato	ory control								
	LCS946534			MSMSD141003085801	NA	100	95.3	ua/I	95
ype of Spike : Laborato	LCS946534			MSMSD141003085801 MSMSD141003085801	NA NA	100 100	95.3 87.9	ug/L ug/l	95 88
ype of Spike : Laborato 10/03/94 10/03/94				MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA	100	87.9	ug/L	88
ype of Spike : Laborato	LCS946534 LCS946628			MSMSD141003085801				-	
ype of Spike : Laborato 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628	 :	 4	MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	87.9 93.1	ug/L ug/L	88 93
ype of Spike : Laborato 10/03/94 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628	 : :		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100	87.9 93.1 103	ug/L ug/L	88 93

DATE Analyzed	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Mathod SU0270	) - Semivolatile (	) n a n r	vi co						
oiked Analyte : Hexach	lorocyclopentadie		1168						
Type of Spike : Labora	tory Control								
10/03/94	LCS946534			MSMSD141003085801		100	45.2	ug/L	45
10/03/94	LCS946628			MSMSD141003085801		100	98.1	ug/L	98
10/03/94	LCSD946534			MSMSD141003085801		100	48.6	ug/L	49
10/03/94 	LCSD946628			MSMSD141003085801	NA 	100	119	ug/L 	
Number of S	•	:			Below accept		0		
Mean % Reco	-		77.8		Above accept		0		
Standard De	viation	:	36.6		Acceptance C	Criteria	0-308		
	- Semivolatile C	)rgan	ics						
oiked Analyte : Hexach						•			
Type of Spike : Labora	tory Control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	101	ug/L	10
10/03/94	LCS946628			MSMSD141003085801	NA	100	94.2	ug/L	94
10/03/94	LCSD946534			MSMSD141003085801	NA NA	100	94.9	ug/L	95.
10/03/94	LCSD946628			MSMSD141003085801	NA 	100	108	ug/L	10
Number of S	amples	:	4		Below accept		0		
Mean % Reco	very	:	99.5		Above accept		0		
Standard De	viation	:	6.45		Acceptance C	Criteria	42-165		
•	- Semivolatile O	rgan	ics						
oiked Analyte : Indeno									
Type of Spike : Labora	tory Control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	96.5	ug/L	96
10/03/94	LCS946628			MSMSD141003085801	NA	10,0	107	ug/L	10
10/03/94	LCSD946534			MSMSD141003085801	NA	100	95.1	ug/L	95.
10/03/94	LCSD946628			MSMSD141003085801	NA	100	110	ug/L	13
Number of S	amples	:	4		Below accept	ance :	0	·	<b>-</b>
Mean % Reco	=	:	102		Above accept		0		
Standard De			7 62		Accentance C		D-171		

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

: 7.62

Mean % Recovery Standard Deviation

Acceptance Criteria D-171

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method · SW8	270 - Semivolatile	Organ	nice						
piked Analyte : Iso		or gar	1103						
Type of Spike : Lab									
J. , -									
10/03/94	LCS946534			MSMSD141003085801	NA	100	110	ug/L	1
10/03/94	LCS946628			MSMSD141003085801	NA	100	110	ug/L	1
10/03/94	LCSD946534			MSMSD141003085801	NA	100	107	ug/L	1
10/03/94	LCSD946628			MSMSD141003085801	NA	100	112	ug/L	1
Number o	f Samples	:	4		Below accepta	ance :	0		
Mean % Re	ecovery	:	110		Above accepta	ance :	0		
Standard	Deviation	:	2.06		Acceptance Cr	riteria 2	1-196		
	270 - Somivolatilo	0rgan	nics						
Method : SW82		-							
piked Analyte : N-N	troso-di-n-propyla	-							
oiked Analyte : N-N	troso-di-n-propyla	-							
oiked Analyte : N-N	troso-di-n-propyla	-		MSMSD141003085801	NA	100	102	ug/L	1
oiked Analyte : N-N [.] Type of Spike : Labo	troso-di-n-propyla pratory Control	-		MSMSD141003085801 MSMSD141003085801	NA NA	100 100	102 104	ug/L ug/L	1
oiked Analyte : N-N [.] Type of Spike : Labo 10/03/94	troso-di-n-propyla pratory Control LCS946534	-						ug/L	1
iked Analyte : N-N [.] ype of Spike : Labo 10/03/94 10/03/94	troso-di-n-propyla pratory Control LCS946534 LCS946628	-		MSMSD141003085801	NA	100	104	=	1
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946534 LCSD946628	-		MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	104 102	ug/L ug/L	1 1 1
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946534 LCSD946628	mine		MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100	104 102 110	ug/L ug/L	
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946534 LCSD946628	mine	4	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta	100 100 100 	104 102 110	ug/L ug/L	
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946534 LCSD946628	mine	4 105	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	104 102 110 0 0	ug/L ug/L	
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Re Standard	troso-di-n-propyla pratory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  Samples covery Deviation	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	104 102 110 0 0	ug/L ug/L	
iked Analyte : N-N' ype of Spike : Labo  10/03/94  10/03/94  10/03/94  Number of Mean % Re Standard  Method : SW82 iked Analyte : Naph	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946534 LCSD946628 	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	104 102 110 0 0	ug/L ug/L	
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Re Standard	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946534 LCSD946628 	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	104 102 110 0 0	ug/L ug/L	
iked Analyte : N-N' ype of Spike : Labo 10/03/94 10/03/94 10/03/94 Number of Mean % Re Standard  Method : SW82 iked Analyte : Naph	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946534 LCSD946628 	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 ance : ance :	104 102 110  0 0 D-230	ug/L ug/L ug/L	1
Number of Mean % Re Standard  Method: SW82 iked Analyte: Naphype of Spike: Labo	troso-di-n-propyla pratory Control LCS946534 LCS946628 LCSD946628 LCSD946628 	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 ance : ance : riteria	104 102 110 	ug/L ug/L ug/L	98
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94	troso-di-n-propyla pratory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  Samples covery Deviation  70 - Semivolatile thalene pratory Control  LCS946534 LCS946628	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 ance : ance : riteria	104 102 110 	ug/L ug/L ug/L ug/L ug/L	98 97
iked Analyte: N-N- ype of Spike: Labo  10/03/94  10/03/94  10/03/94  Number of Mean % Re Standard  Method: SW82 iked Analyte: Naph ype of Spike: Labo	LCS946534 LCS946628 LCSD946628 LCSD946628 LCSD946628 CSD946628  CSD946628  CSD946628  CSD946628  LCSD946628  LCSD946628  LCSD946628  LCSD946628	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr	100 100 100 ance : ance : riteria	104 102 110 	ug/L ug/L ug/L	98
iked Analyte : N-N' ype of Spike : Labo  10/03/94 10/03/94 10/03/94 Number of Mean % Re Standard  Method : SW82 iked Analyte : Naph ype of Spike : Labo  10/03/94 10/03/94 10/03/94	troso-di-n-propyla pratory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  Samples covery Deviation  170 - Semivolatile thalene thalene ratory Control  LCS946534 LCSD946628 LCSD946628	mine : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 ance : ance : biteria	104 102 110 	ug/L ug/L ug/L ug/L ug/L ug/L	98 97 94
10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94 Number of Mean % Re Standard  Method : SW82 iked Analyte : Naph ype of Spike : Labo 10/03/94 10/03/94 10/03/94	troso-di-n-propyla pratory Control  LCS946534 LCS946628 LCSD946628  CSD946628  Covery Deviation  CONTROL  LCS946534 LCS946534 LCS946628 LCSD946628 LCSD946628 LCSD946628 LCSD946628	mine : : : :	4 105 3.79	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	100 100 100 ance : ance : ance : 100 100 100 100	104 102 110 	ug/L ug/L ug/L ug/L ug/L ug/L	98 97 94

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
Method : SW8270 Spiked Analyte : Nitrob Type of Spike : Labora		Organics		·				
10/03/94	LCS946534		MSMSD141003085801	NA	100	102	ug/L	10
10/03/94	LCS946628		MSMSD141003085801	NA	100	99.9	ug/L	10
10/03/94	LCSD946534		MSMSD141003085801	NA	100	97.4	ug/L	97.
10/03/94	LCSD946628		MSMSD141003085801	NA	100	102	ug/L	10
Number of S	amples	: 4		Below acceptan	ice :	0		
Mean % Reco	-	: 100		Above acceptan	ice :	0		
Standard De	viation	: 2.36		Acceptance Cri	teria 3	35-180		
	- Comivelatile	Organics						
· -	hlorophenol		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA	100 100 100 100	92.0 95.2 82.3 85.0	ug/L ug/L ug/L ug/L	95. 82.
Spiked Analyte : Pentacl Type of Spike : Labora 10/03/94 10/03/94 10/03/94	LCSD946534 LCSD946534 LCSD946534 LCSD946534	<b></b> : 4	MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	95.2 82.3	ug/L ug/L	95. 82.
Spiked Analyte : Pentacl Type of Spike : Labora 10/03/94 10/03/94 10/03/94 Number of Sa Mean % Recov	LCS946534 LCS946534 LCS946628 LCSD946534 LCSD946628	: 88.5	MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan	100 100 100 	95.2 82.3 85.0	ug/L ug/L	92. 95. 82. 85.
Spiked Analyte : Pentacl Type of Spike : Labora 10/03/94 10/03/94 10/03/94 Number of Sa	LCS946534 LCS946534 LCS946628 LCSD946534 LCSD946628		MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan	100 100 100 	95.2 82.3 85.0	ug/L ug/L	95. 82.
Spiked Analyte : Pentacl Type of Spike : Labora  10/03/94 10/03/94 10/03/94 10/03/94  Number of Sa Mean % Recov Standard Dev  Method : SW8270 Spiked Analyte : Phenant	hlorophenol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile otherene	: 88.5 : 6.03	MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan	100 100 100 	95.2 82.3 85.0 0	ug/L ug/L	95. 82.
Spiked Analyte : Pentacl Type of Spike : Labora  10/03/94  10/03/94  10/03/94  10/03/94  Number of Sa  Mean % Recov Standard Dev  Method : SW8270  Spiked Analyte : Phenant Type of Spike : Laborat	LCS946534 LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile threne tory Control	: 88.5 : 6.03	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan Acceptance Cri	100 100 100 	95.2 82.3 85.0 0 0 4-176	ug/L ug/L ug/L	95. 82. 85.
Spiked Analyte : Pentacl Type of Spike : Labora  10/03/94 10/03/94 10/03/94 10/03/94  Number of Sa Mean % Recov Standard Dev  Method : SW8270 Spiked Analyte : Phenant Type of Spike : Laborat  10/03/94	hlorophenol tory Control  LCS946534 LCS946534 LCSD946534 LCSD946628  amples very viation  - Semivolatile otherene tory Control LCS946534	: 88.5 : 6.03	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan Acceptance Cri	100 100 100 	95.2 82.3 85.0 0 0 4-176	ug/L ug/L ug/L	95. 82. 85.
Spiked Analyte : Pentacl Type of Spike : Labora  10/03/94  10/03/94  10/03/94  10/03/94  Number of Sa  Mean % Recov Standard Dev  Method : SW8270  Spiked Analyte : Phenant Type of Spike : Laborat	LCS946534 LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile threne tory Control	: 88.5 : 6.03	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan Acceptance Cri NA NA	100 100 100 	95.2 82.3 85.0 0 0 4-176 95.0 98.3	ug/L ug/L ug/L ug/L ug/L	95. 82. 85. 95.
Method: SW8270 piked Analyte: Pentacl Type of Spike: Laborar  10/03/94 10/03/94 10/03/94  Mean % Reconstandard Devi	hlorophenol tory Control  LCS946534 LCS946628 LCSD946628 LCSD946628	: 88.5 : 6.03	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan Acceptance Cri NA NA	100 100 100 	95.2 82.3 85.0 0 0 4-176	ug/L ug/L ug/L	95. 82. 85. 95. 98. 91.
Method: SW8270 Spiked Analyte: Pentacl Type of Spike: Laborar  10/03/94 10/03/94 10/03/94  Number of Sa Mean % Recon Standard Den  Method: SW8270 Spiked Analyte: Phenant Type of Spike: Laborat  10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946628 LCSD946628 LCSD946628  Amples Very Viation  - Semivolatile threne tory Control  LCS946534 LCS946534 LCSD946628	: 88.5 : 6.03	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801  MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan Acceptance Cri  NA NA NA NA NA	100 100 	95.2 82.3 85.0 0 0 4-176 95.0 98.3 91.4 97.2	ug/L ug/L ug/L ug/L ug/L ug/L	95. 82. 85. 95. 98. 91.
Spiked Analyte : Pentacl Type of Spike : Labora  10/03/94 10/03/94 10/03/94 10/03/94  Number of Sa Mean % Recov Standard Dev  Method : SW8270 Spiked Analyte : Phenant Type of Spike : Laborat  10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946628 LCSD946628 LCSD946628  Amples Very Viation  LCS946534 LCS946534 LCS946534 LCS946628 LCSD946628 LCSD946628	: 88.5 : 6.03	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below acceptan Above acceptan Acceptance Cri  NA NA NA	100 100 ce: ce: teria 1  100 100 100 100 ce:	95.2 82.3 85.0 0 0 4-176 95.0 98.3 91.4	ug/L ug/L ug/L ug/L ug/L ug/L	95. 82. 85.

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE	T AMOUNT D RECOVERED	RESULT UNIT	% RECOV
Method : SW8270 Spiked Analyte : Phenol	) - Semivolatile	Orga	anics						
Type of Spike : Labora	itory Control								
10/03/94	LCS946534			MSMSD141003085801	NA	100	97.0	ug/L	97.
10/03/94	LCS946628			MSMSD141003085801	NA	100	97.5	ug/L	98.
10/03/94	LCSD946534			MSMSD141003085801	NA	100	91.0	ug/L	91.
10/03/94	LCSD946628			MSMSD141003085801	NA	100	96.9	ug/L	97
Number of S	amples	:	4		Below accep	 tance :	0		
Mean % Reco	very	:	95.8		Above accept		0		
Standard De	viation	:	3.20		Acceptance	Criteria	5-112		
Method : SW8270 piked Analyte : Pyrene Type of Spike : Labora 10/03/94		Orga	inics	MSMSD141003085801	<b>N</b> A	100	103	ug/L	10
10/03/94	LCS946628			MSMSD141003085801	NA	100	106	ug/L	· 7
10/03/94	LCSD946534			MSMSD141003085801		100	99.2	ug/L	99.
10/03/94	LCSD946628			MSMSD141003085801	NA	100	107	ug/L	10
Number of S	amples	:	4	*	Below accept	 tance :	0		
Mean % Reco	very	:	104		Above accept	tance :	0		
Standard De	viation	:	3.59		Acceptance (	Criteria	52-115		
Method : SW8270 piked Analyte : bis(2- ype of Spike : Labora		-							
10/03/94	LCS946534	•		MSMSD141003085801	NA	100	95.5	ug/L	95.
10/03/94	LCS946628			MSMSD141003085801	NA	100	96.7	ug/L ug/L	95. 97.
10/03/94	LCSD946534			MSMSD141003085801	NA	100	92.9	ug/L	93.
10/03/94	LCSD946628			MSMSD141003085801	NA	100	97.9	ug/L	98.
Number of Sa	amples	:	4		Below accept	ance ·	0		
Mean % Recov	•		95.8		Above accept		0		
Standard Day	dation.		2 20						

Standard Deviation

Acceptance Criteria 33-184

: 2.22

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	- Semivolatile							
Spiked Analyte : bis(2- Type of Spike : Labora		г						
10/03/94	LCS946534		MSMSD141003085801	NA	100	93.1	ug/L	93.
10/03/94	LCS946628		MSMSD141003085801	NA NA	100	94.4	ug/L ug/L	94
10/03/94	LCSD946534		MSMSD141003085801	NA	100	90.1	ug/L	90
10/03/94	LCSD946628		MSMSD141003085801	NA NA	100	95.3	ug/L	95
Number of S		· 4		Below accepta		0		<b></b>
Mean % Reco	•	: 4 : 93.0		Above accepta		0		
Standard De	-	: 2.16		Acceptance Cr		12-158		
	- Semivolatile (	-						
Snikad Analyta · his(2-	Chloroisonronvill							
Spiked Analyte : bis(2- Type of Spike : Labora		ether						
•		ether	MSMSD141003085801	NA	100	90.4	ug/L	90.
Type of Spike : Labora	tory Control	ether	MSMSD141003085801 MSMSD141003085801	NA NA	100 100	90.4 89.7	ug/L ug/L	
Type of Spike : Labora 10/03/94	tory Control LCS946534	etilei	•					90.
Type of Spike : Labora 10/03/94 10/03/94	LCS946534 LCS946628	etilei	MSMSD141003085801	NA	100	89.7	ug/L	90. 87.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628	 : 4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA	100 100 100	89.7 86.8	ug/L ug/L	90. 87.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946534 LCSD946628		MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100 	89.7 86.8 93.6	ug/L ug/L	90. 87.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of S.	LCS946534 LCS946628 LCSD946634 LCSD946628 amples	: 4	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta	100 100 100 	89.7 86.8 93.6	ug/L ug/L	90. 90. 87. 94.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of S. Mean % Reco	LCS946534 LCS946628 LCSD946634 LCSD946628 amples	: 4 : 90.3	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	89.7 86.8 93.6 0	ug/L ug/L	90. 87.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of S. Mean % Reco Standard De	LCS946534 LCS946628 LCSD946628 LCSD946628 	: 4 : 90.3 : 2.87	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	89.7 86.8 93.6 0	ug/L ug/L	90. 87.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of S. Mean % Reco Standard De	LCS946534 LCS946628 LCSD946628 LCSD946628 amples very viation  - Semivolatile (Ethylhexyl)phtha	: 4 : 90.3 : 2.87	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta	100 100 100 	89.7 86.8 93.6 0	ug/L ug/L	90. 87.
Type of Spike : Labora  10/03/94  10/03/94  10/03/94  10/03/94  Number of S  Mean % Reco Standard De  Method : SW8270  Spiked Analyte : bis(2-	LCS946534 LCS946628 LCSD946628 LCSD946628 amples very viation  - Semivolatile (Ethylhexyl)phthaitory Control	: 4 : 90.3 : 2.87	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	89.7 86.8 93.6 0 0 86-166	ug/L ug/L ug/L	90 87 94
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De Method : SW8270 Spiked Analyte : bis(2-1) Type of Spike : Labora	LCS946534 LCS946628 LCSD946628 LCSD946628	: 4 : 90.3 : 2.87	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	89.7 86.8 93.6 0 0 86-166	ug/L ug/L ug/L	90. 87. 94.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of S. Mean % Reco Standard De Method : SW8270 Spiked Analyte : bis(2- Type of Spike : Labora 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946628 LCSD946628	: 4 : 90.3 : 2.87	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	89.7 86.8 93.6 0 0 86-166	ug/L ug/L ug/L ug/L ug/L	90 87 94
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 Number of S Mean % Reco Standard De Method : SW8270 Spiked Analyte : bis(2-1) Type of Spike : Labora	LCS946534 LCS946628 LCSD946628 LCSD946628	: 4 : 90.3 : 2.87	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA Below accepta Above accepta Acceptance Cr	100 100 100 	89.7 86.8 93.6 0 0 86-166	ug/L ug/L ug/L	90. 87. 94.
Type of Spike : Labora 10/03/94 10/03/94 10/03/94 10/03/94 10/03/94	LCS946534 LCS946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile (Ethylhexyl)phthatory Control  LCS946534 LCS946534 LCSD946628	: 4 : 90.3 : 2.87 Organics	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	100 100 100 .nce : .nce : .nteria 3	89.7 86.8 93.6 0 0 86-166	ug/L ug/L ug/L ug/L ug/L ug/L	90. 87.
Type of Spike : Labora  10/03/94 10/03/94 10/03/94 10/03/94  Number of S. Mean % Reco Standard De  Method : SW8270 Spiked Analyte : bis(2- Type of Spike : Labora  10/03/94 10/03/94 10/03/94	LCS946534 LCSD946628 LCSD946628 LCSD946628  amples very viation  - Semivolatile ( Ethylhexyl)phtha tory Control  LCS946534 LCSD946534 LCSD946628 LCSD946628	: 4 : 90.3 : 2.87	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA Below accepta Above accepta Acceptance Cr  NA NA NA	100 100 100 	89.7 86.8 93.6 0 0 0 36-166	ug/L ug/L ug/L ug/L ug/L ug/L	90. 87. 94.

DA ANAL		SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method	i : SW8270 -	Semivolatile	Organi	cs					
iked Analyte ype of Spike	-								
10/0	3/94	LCS946534		MSMSD1410030858	01 NA	100	105	ug/L	1
10/0		LCS946628		MSMSD1410030858	01 NA	100	106	ug/L	1
10/0		LCSD946534		MSMSD1410030858	01 NA	100	104	ug/L	1
10/0	3/94	LCSD946628		MSMSD1410030858	01 NA	100	96.4	ug/L	96
	mber of Samp		:	4	Below accept		0		
	an % Recover		: 1	03	Above accept		0		
Sta	andard Devia	ation	: 4	.57	Acceptance C	riteria 5	55-153		
ked Analyte pe of Spike	: 2,4,6-Tr : Surrogate	Semivolatile (ibromophenol e - Equipment (	Blank		01 NA	100	170	()	0.0
ked Analyte pe of Spike 10/03 Nur Mea	: 2,4,6-Tr : Surrogate 3/94  mber of Samp an % Recover	ibromophenol e - Equipment   G94-P0-SS-0; ples ry	Blank 2-EB  : 9	MSMSD1410030858 1 1 0.0	Below accept Above accept	ance :	178  0 0	ug/L	9(
ked Analyte pe of Spike 10/03 Nur Mea	: 2,4,6-Tr : Surrogate 3/94 mber of Samp	ibromophenol e - Equipment   G94-P0-SS-0; ples ry	Blank 2-EB 	MSMSD1410030858 1 1 0.0	Below accept	ance :	0	ug/L 	91
ked Analyte pe of Spike 10/00 Nur Mea	: 2,4,6-Tr : Surrogate 3/94 	ibromophenol e - Equipment (  G94-P0-SS-0)  ples ry ation  Semivolatile (	Blank 2-EB : : 9 : No	MSMSD1410030858 1 1 0.0 C	Below accept Above accept	ance :	0	ug/L	91
ked Analyte pe of Spike  10/03  Nur Mea Sta	: 2,4,6-Tr : Surrogate 3/94 	ibromophenol e - Equipment (  694-P0-SS-0) ples ry ation	Blank 2-EB : : 9 : No	MSMSD1410030858 1 1 0.0 C	Below accept Above accept	ance :	0	ug/L	91
ked Analyte pe of Spike 10/03 Nur Mea Sta	: 2,4,6-Tri : Surrogate  3/94  mber of Samman % Recovent andard Devia  : SW8270 - : 2,4,6-Tri : Surrogate	ibromophenol e - Equipment   G94-P0-SS-0; ples ry ation  Semivolatile (ibromophenol	Blank 2-EB : : 9 : No	MSMSD1410030858 1 1 0.0 C	Below accept Above accept Acceptance C	ance :	0	ug/L	
ked Analyte pe of Spike  10/0: Nur Mez Sta	: 2,4,6-Tri : Surrogate  3/94  mber of Samman % Recover andard Devia  : SW8270 - : 2,4,6-Tri : Surrogate	ibromophenol e - Equipment   G94-P0-SS-0; ples ry ation  Semivolatile (ibromophenol e - Laboratory	Blank 2-EB : : 9 : No	MSMSD1410030858  1 0.0 C	Below accept Above accept Acceptance C	ance : ance : riteria 1	0 0 0 0-123		96 96 94
ked Analyte pe of Spike  10/03  Nur Mex Sta  Method ked Analyte pe of Spike	: 2,4,6-Tri : Surrogate  3/94  mber of Samman % Recover andard Devia  : SW8270 - : 2,4,6-Tri : Surrogate  3/94  3/94	ibromophenol e - Equipment   G94-P0-SS-0;	Blank 2-EB : : 9 : No	MSMSD1410030858 1 0.0 C  msmsD1410030858	Below accept Above accept Acceptance C	ance : ance : riteria 1	0 0 0 0-123	ug/L	96
Method ked Analyte pe of Spike  Method ked Analyte pe of Spike  10/03 10/03	: 2,4,6-Tri : Surrogate  3/94 mber of Sampan % Recover andard Devia  : SW8270 - : 2,4,6-Tri : Surrogate  3/94  3/94  3/94	ibromophenol e - Equipment (  694-P0-SS-0) ples ry ation  Semivolatile ( ibromophenol e - Laboratory  LCS946534 LCS946628	Blank 2-EB : : 9 : No	MSMSD1410030858  1 0.0 C  MSMSD1410030858 MSMSD1410030858	Below accept Above accept Acceptance C  O1 NA O1 NA O1 NA	ance : ance : riteria 1	0 0 0 0-123	ug/L ug/L	96 94 98
Method ked Analyte pe of Spike  10/03  Mur Mea Sta  Method ked Analyte pe of Spike  10/03 10/03 10/03	: 2,4,6-Tri : Surrogate  3/94 mber of Sampan % Recover andard Devia  : SW8270 - : 2,4,6-Tri : Surrogate  3/94  3/94  3/94	ibromophenol e - Equipment   G94-P0-SS-0;	Blank 2-EB : : 9 : No	MSMSD1410030858  1 0.0 C  MSMSD1410030858  MSMSD1410030858  MSMSD1410030858	Below accept Above accept Acceptance C  O1 NA O1 NA O1 NA	ance : ance : riteria 1  200 200 200 200 200	0 0 0 0-123	ug/L ug/L ug/L	96
Method ked Analyte pe of Spike  10/03  Method ked Analyte pe of Spike  10/03 10/03 10/03	2.4,6-Tri 3/94 mber of Samman % Recover andard Devia  : SW8270 - : 2,4,6-Tri : Surrogate  3/94 3/94 3/94	ibromophenol e - Equipment   G94-P0-SS-0;	Blank  2-EB  : 9 : No	MSMSD1410030858  100.0 C  MSMSD1410030858  MSMSD1410030858  MSMSD1410030858  MSMSD1410030858	Below accept Above accept Acceptance C  OI NA OI NA OI NA OI NA	ance : ance : riteria 1  200 200 200 200 200 ance :	0 0 0 0-123	ug/L ug/L ug/L	96 94 98

A1 	DATE NALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
piked Analy	hod : SW8270 - yte : 2,4,6-Tr ike : Surrogat	ibromophenol							
	0/03/94	BLK944216	ПК	MSMSD141003085801	NA	200	206	ug/L	10
10	0/03/94	BLK944279		MSMSD141003085801	NA	200	172	ug/L	86.
	Number of Sam Mean % Recover Standard Devia	ry	: 2 : 94.5 : NC		Below accepta Above accepta Acceptance Co	ance :	0 0 10-123		
Meth	nod : SW8270 -	Semivolatile	Organics						
piked Analy Type of Spi	nod : SW8270 - yte : 2-Fluorol ike : Surrogate 0/03/94  Number of Sam Mean % Recover	oiphenyl e - Equipment   G94-P0-SS-0	Blank	MSMSD141003085801	NA  Below accepta Above accepta		86.7  0 0	ug/L	88.
piked Analy Type of Spi	yte : 2-Fluorol ike : Surrogate 0/03/94  Number of Sam	oiphenyl e - Equipment   G94-P0-SS-0	Blank 2-EB 	MSMSD141003085801	Below accepta	ance :	0	ug/L 	88.
Spiked Analy Type of Spi  10   Meth	yte : 2-Fluorol ike : Surrogate 0/03/94  Number of Sam Mean % Recover	oiphenyl  G94-P0-SS-0  Oles  Ty  ation  Semivolatile (oiphenyl	Blank  2-EB  : 1 : 88.0 : NC	MSMSD141003085801	Below accepta Above accepta	ance :	0	ug/L 	88.
piked Analy Type of Spi	yte : 2-Fluorodike : Surrogate  0/03/94  Number of Samma Mean % Recover Standard Devia  nod : SW8270 - yte : 2-Fluorod	oiphenyl  G94-P0-SS-0  Oles  Ty  ation  Semivolatile (oiphenyl	Blank  2-EB  : 1 : 88.0 : NC	MSMSD141003085801	Below accepta Above accepta	ance :	0	ug/L	
Spiked Analy Type of Spi   Meth Spiked Analy Type of Spi	yte : 2-Fluorodike : Surrogate  0/03/94  Number of Sammy Mean % Recover Standard Devia	oiphenyl e - Equipment   G94-P0-SS-0; coles ry ation  Semivolatile ( piphenyl e - Laboratory	Blank  2-EB  : 1 : 88.0 : NC		Below accepta Above accepta Acceptance Cr	ance : ance : riteria 4	0 0 0 33-116		88.  93. 97.
Methed Analy Type of Spi  Methed Analy Type of Spi  10 10 10	yte : 2-Fluorolike : Surrogate  0/03/94  Number of Samman & Recover Standard Devia  nod : SW8270 - yte : 2-Fluorolike : Surrogate  0/03/94  0/03/94  0/03/94	oiphenyl e - Equipment   G94-P0-SS-0; coles ry ation  Semivolatile ( oiphenyl e - Laboratory  LCS946534	Blank  2-EB  : 1 : 88.0 : NC	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	Below accepta Above accepta Acceptance Cr NA NA NA	100 100 100	92.7 97.1 91.3	ug/L ug/L ug/L	93. 97. 91.
piked Analy Type of Spi   Meth piked Analy Type of Spi  10 10	yte : 2-Fluorolike : Surrogate  0/03/94  Number of Samman Recover Standard Devia  nod : SW8270 - yte : 2-Fluorolike : Surrogate  0/03/94  0/03/94	oiphenyl e - Equipment   G94-P0-SS-0; coles ry ation  Semivolatile ( oiphenyl e - Laboratory  LCS946534 LCS946628	Blank  2-EB  : 1 : 88.0 : NC	MSMSD141003085801 MSMSD141003085801	Below accepta Above accepta Acceptance Cr NA NA	nnce : ance : riteria 4	92.7 97.1	ug/L ug/L	93. 97. 91.
Methorise of Spi	yte : 2-Fluorolike : Surrogate  0/03/94  Number of Samman & Recover Standard Devia  nod : SW8270 - yte : 2-Fluorolike : Surrogate  0/03/94  0/03/94  0/03/94	oiphenyl  G94-P0-SS-0  G94-P0-SS-0  oles  ry ation  Semivolatile (  oiphenyl  - Laboratory  LCS946534  LCS946534  LCSD946534	Blank  2-EB  : 1 : 88.0 : NC	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	Below accepta Above accepta Acceptance Cr NA NA NA	100 100 100 100 100	92.7 97.1 91.3	ug/L ug/L ug/L	93.

Acceptance Criteria 43-116

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

Standard Deviation : 4.16

DATE ANALYZEI 	) S	AMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOY
Method : S piked Analyte : 2 Type of Spike : S	:-Fluorobiph	-							
10/03/94 10/03/94		LK944216 LK944279		MSMSD141003085801 MSMSD141003085801		100 100	89.1 82.8	ug/L ug/L	89 83
Mean %	of Samples Recovery		: 2 : 86.0 : NC		Below accepta Above accepta Acceptance Co	ance :	0 0 13-116		
oiked Analyte : 2 Type of Spike : S 10/03/94	-Fluorophenourrogate - 69	Equipment B1 94-P0-SS-02-	ank EB	MSMSD141003085801		198	183	ug/L	92
Mean %	of Samples Recovery rd Deviation		: 1 : 92.0 : NC		Above accepta Acceptance Cr	ance :	0 0 1-139		
		ivolatile Org	ganics						
	urrogate - L L( L(	CS946534 CS946628 CS946634	ontrol	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	200 200 200	191 176 180	ug/L ug/L ug/L	88
10/03/94	urrogate - L LC LC	CS946534 CS946628	ontrol	MSMSD141003085801	NA	200	176		96 88 90 91

DATE ANALYZED	SAMPLE I	ח	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVERY
		_						
Mathad . C1927	(0 Camitual aki)	la Ounnaire						
Spiked Analyte : 2-Flu	'O - Semivolati' Jorophenol	ie urganics						
Type of Spike : Surro		Blank						
:31	<b>J</b>							
10/03/94	BLK94421	6	MSMSD141003085801	NA	200	198	ug/L	99.0
10/03/94	BLK94427	9	MSMSD141003085801	NA	200	170	ug/L	85.0
Number of	Samples	: 2		Below accept	ance :	0		
Mean % Rec	overy	: 92.0		Above accept	ance:	0		
Standard D	eviation	: NC		Acceptance (	Criteria 2	21-139		
Method : SW827	0 - Semivolatii	le Organics						
Spiked Analyte : Nitro Type of Spike : Surro		nt Blank						
10/03/94	694-20-59	S-02-FR	MSMSD141003085801	NΔ	99 0	<b>Q1 Q</b>	ua/l	93.0

Method : SW8270 - Semivolatile Organics

Mean % Recovery : 93.0
Standard Deviation : NC

Spiked Analyte : Nitrobenzene-d5

Type of Spike : Surrogate - Laboratory Control

Number of Samples

10/03/94	LCS946534	MSMSD141003085801	NA	100	101	ug/L	101
10/03/94	LCS946628	MSMSD141003085801	NA	100	93.3	ug/L	93.0
10/03/94	LCSD946534	MSMSD141003085801	NA	100	93.8	ug/L	94.0
10/03/94	LCSD946628	MSMSD141003085801	NA	100	91.8	ug/L	92.0

Below acceptance :

Acceptance Criteria 35-114

Above acceptance :

0

0

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 95.0 Above acceptance : 0
Standard Deviation : 4.08 Acceptance Criteria 35-114

: 1

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	) - Semivolatile	Organics						
iked Analyte : Nitrob ype of Spike : Surrog		ank						
10/03/94	BLK944216		MSMSD141003085801	NA	100	100	ug/L	1
10/03/94	BLK944279		MSMSD141003085801	NA 	100	87.1	ug/L	87
Number of S	Samples	: 2		Below accepta	ance :	0		
Mean % Reco	-	: 93.5		Above accepta	ance :	0		
Standard De	eviation	: NC		Acceptance Co	riteria 3	5-114		
ked Analyte : Phenol	G94-P0-SS-Camples	Blank	MSMSD141003085801	NA Below accepta Above accepta Acceptance Cr	ance :	195  0 0 0 4-162	ug/L	98
ked Analyte : Phenol pe of Spike : Surrog  10/03/94  Number of S Mean % Reco Standard De  Method : SW8270 ked Analyte : Phenol	-d5 wate - Equipment G94-P0-SS-0 amples very viation - Semivolatile -d5	Blank  D2-EB  : 1 : 98.0 : NC	MSMSD141003085801	Below accepta Above accepta	ance :	 0 0	ug/L 	98
ked Analyte : Phenol /pe of Spike : Surrog  10/03/94  Number of S Mean % Reco Standard De  Method : SW8270 ked Analyte : Phenol pe of Spike : Surrog	-d5 wate - Equipment  G94-P0-SS-C  amples very viation  - Semivolatile -d5 ate - Laboratory	Blank  D2-EB  : 1 : 98.0 : NC		Below accepta Above accepta Acceptance Cr	ance : ance : riteria	0 0 0 4-162		
iked Analyte : Phenol ype of Spike : Surrog 10/03/94 Number of S Mean % Reco Standard De Method : SW8270 ked Analyte : Phenol ype of Spike : Surrog	-d5 wate - Equipment  G94-P0-SS-C amples very viation  - Semivolatile -d5 ate - Laboratory  LCS946534	Blank  D2-EB  : 1 : 98.0 : NC	MSMSD141003085801	Below accepta Above accepta Acceptance Cr	ance : ance : riteria	0 0 0 4-162	ug/L	98
Method: SW8270 ked Analyte: Phenol //pe of Spike: Surrog  10/03/94  Method: SW8270 ked Analyte: Phenol //pe of Spike: Surrog  10/03/94  10/03/94	-d5 wate - Equipment  G94-P0-SS-C  amples very viation  - Semivolatile -d5 ate - Laboratory  LCS946534 LCS946628	Blank  D2-EB  : 1 : 98.0 : NC	MSMSD141003085801 MSMSD141003085801	Below accepta Above accepta Acceptance Cr NA NA	ance : ance : riteria  200 200	200 187	ug/L ug/L	1.93
ked Analyte : Phenol /pe of Spike : Surrog 10/03/94 Number of S Mean % Reco Standard De Method : SW8270 ked Analyte : Phenol pe of Spike : Surrog	-d5 wate - Equipment  G94-P0-SS-C amples very viation  - Semivolatile -d5 ate - Laboratory  LCS946534	Blank  D2-EB  : 1 : 98.0 : NC	MSMSD141003085801	Below accepta Above accepta Acceptance Cr	ance : ance : riteria	0 0 0 4-162	ug/L	1 93 97
Method: SW8270 ked Analyte: Phenolype of Spike: Surrog  10/03/94  Number of S Mean % Reco Standard De  Method: SW8270 ked Analyte: Phenolype of Spike: Surrog  10/03/94 10/03/94 10/03/94	-d5 wate - Equipment  G94-P0-SS-C  amples very viation  - Semivolatile -d5 ate - Laboratory  LCS946534 LCS946628 LCSD946534 LCSD946628	Blank  02-EB  : 1 : 98.0 : NC  Organics	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	Below accepta Above accepta Acceptance Cr NA NA NA NA	200 200 200 200 200	200 187 193 186	ug/L ug/L ug/L	1 93 97
Method: SW8270 Method: Surrog  10/03/94  Number of S Mean % Reco Standard De  Method: SW8270 A ked Analyte: Phenol Ape of Spike: Surrog  10/03/94  10/03/94  10/03/94	-d5 wate - Equipment  G94-P0-SS-Community  amples very viation  - Semivolatile -d5 ate - Laboratory  LCS946534 LCS946628 LCSD946534 LCSD946628	Blank  D2-EB  : 1 : 98.0 : NC	MSMSD141003085801 MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	Below accepta Above accepta Acceptance Cr NA NA NA	200 200 200 200 200	200 187 193	ug/L ug/L ug/L	1

	DATE ALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT		AMOUNT RECOVERED	RESULT UNIT	% RECOVER
piked Analyt	od : SW8270 - S te : Pheno1-d5			ics						
	<pre> /03/94 </pre>	- Method Blar BLK944216	1K		MSMSD141003085801	· NA	200	208	ug/L	10
	/03/94 /03/94				MSMSD141003085801		200	179	ug/L	90.
N	Number of Sampl Mean % Recovery Standard Deviat	•	: : ! : !	97.0		Below accept Above accept Acceptance C	ance :	0 0 4-162		
Type of Spik 10/ 	te : Terphenyl- ce : Surrogate  /03/94 Number of Sampl Mean % Recovery	- Equipment E 694-PO-SS-02 	?-EB	1	MSMSD141003085801	NA Below accept Above accept	 ance :	99.0  0 0	ug/L	10
S	Standard Deviat	ion	: 1	NC		Acceptance C	riteria	33-141		
piked Analyt Type of Spik 10/ 10/ 10/	od : SW8270 - S ce : Terphenyl- ke : Surrogate /03/94 /03/94	d14 - Laboratory LCS946534 LCS946628 LCSD946534			MSMSD141003085801 MSMSD141003085801 MSMSD141003085801	NA NA NA	100 100 100	106 101 102	ug/L ug/L ug/L	10 10 10
10/	<b>′</b> 03/94	LCSD946628			MSMSD141003085801	NA	100	96.5	/1	
									ug/L	96. 

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

	*					•		
DATE				ORIG.	AMOUNT	AMOUNT	RESULT	 %
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED		UNIT	RECOVER
 Method : SW8270		Organics						
iked Analyte : Terphe ype of Spike : Surrog	nyl-d14							
10/03/94	BLK944216		MSMSD141003085801	NA	100	113	ug/L	113
10/03/94	BLK944279		MSMSD141003085801	NA	100	98.0	ug/L	98.0 
Number of S	amples	: 2		Below accepta	 ance :	0		
Mean % Reco	•	: 106		Above accept		0		
Standard De		: NC		Acceptance C		33-141	•	
Method : SW8280 piked Analyte : 2,3,7, Type of Spike : Labora 10/19/94 10/19/94	8-TCDD	Furans	MS597141019114301 MS597141019114301	NA NA	33.9 33.9	33.7 33.6	ng/L ng/L	99.0 99.0
Number of S	amples	: 2		Below accepta	 ance :	0		
Mean % Reco		: 99.0		Above accepta		0		
Standard De	viation	: NC		Acceptance Co	riteria (	54-140		
Method : SW8280 piked Analyte : C13-1, Type of Spike : Surrog 10/19/94	2,3,4,6,7,8-HpC	DD Blank	MS597141019114301	NA	49.5	53.8	ng/L	109
Number of S	amples	: 1		Below accepta	 ance :	0		
Mean % Reco	·	: 109		Above accepta		0		
01 1 1 0		NO		·				

Method : SW8280 - Dioxins and Furans Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD Type of Spike : Surrogate - Laboratory Control

Standard Deviation

: NC

Acceptance Criteria 40-120

DATE ORIG. AMOUNT AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY
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Method : SW8280 - Dioxins and Furans Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD

Type of Spike : Surrogate - Laboratory Control, cont.

 10/19/94
 LCS946720
 MS597141019114301
 NA
 50.0
 51.7
 ng/L
 103

 10/19/94
 LCSD946720
 MS597141019114301
 NA
 50.0
 52.0
 ng/L
 104

Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 104 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDD Type of Spike : Surrogate - Method Blank

10/19/94 BLK944330 MS597141019114301 NA 50.0 57.6 ng/L 115

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 115 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF

G94-01-HA-11-01-EB

10/19/94

Type of Spike : Surrogate - Equipment Blank

MS597141019114301

49.5

47.4 ng/L

96.0

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 96.0 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
Method : SW828(	O - Dioxins and	Furans						
iked Analyte : C13-1, pe of Spike : Surrog	•		, cont.					
10/19/94	LCS946720		MS597141019114301		50.0	49.3	ng/L	9:
10/19/94	LCSD946720		MS597141019114301	NA	50.0	52.3	ng/L	10
Number of S	Samples	: 2		Below accept	 ance :	0		
Mean % Reco	-	: 10		Above accept	ance :	0		
Standard De	eviation	: NC		Acceptance C	riteria 4	40-120		
	2,3,4,6,7,8-HpC	DF						
iked Analyte : C13-1, ype of Spike : Surrog	2,3,4,6,7,8-HpC rate - Method Bl	DF						
iked Analyte : C13-1,	2,3,4,6,7,8-HpC	DF	MS597141019114301	NA	50.0	51.4	ng/L	1
iked Analyte : C13-1, ype of Spike : Surrog 10/19/94 Number of S	2,3,4,6,7,8-HpC rate - Method Bl BLK944330 	DF	MS597141019114301	NA Below accepta		51.4	ng/L	1
iked Analyte : C13-1, ype of Spike : Surrog 10/19/94 Number of S Mean % Reco	2,3,4,6,7,8-HpC rate - Method Bl BLK944330 camples	DF ank : 1 : 103			 ance :		ng/L 	
ked Analyte : C13-1, ppe of Spike : Surrog 10/19/94 Number of S	2,3,4,6,7,8-HpC rate - Method Bl BLK944330 camples	DF ank :: 1		Below accepta	ance :	0	ng/L	
ked Analyte : C13-1, pe of Spike : Surrog 10/19/94 Number of S Mean % Reco	2,3,4,6,7,8-HpC gate - Method Bl BLK944330 camples every	DF ank : 1 : 103 : NC		Below accepta	ance :	0	ng/L	
iked Analyte : C13-1, ype of Spike : Surrog 10/19/94  Number of S Mean % Reco Standard De	2,3,4,6,7,8-HpC gate - Method B1  BLK944330  Jamples  Jamples  Very  Viation  - Dioxins and 2,3,4,7,8-HxCDD	DF ank : 1 : 103 : NC		Below accepta	ance :	0	ng/L 	
iked Analyte : C13-1, ype of Spike : Surrog  10/19/94  Number of S  Mean % Reco Standard De  Method : SW8280	2,3,4,6,7,8-HpC gate - Method B1  BLK944330  Jamples  Jamples  Very  Viation  - Dioxins and 2,3,4,7,8-HxCDD	DF ank : 1 : 103 : NC		Below accepta	ance :	0	ng/L	96

Method : SW8280 - Dioxins and Furans Spiked Analyte : C13-1,2,3,4,7,8-HxCDD

Type of Spike : Surrogate - Laboratory Control

Mean % Recovery

Standard Deviation

: 96.0

: NC

0

Above acceptance :

Acceptance Criteria 40-120

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method : SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,4,7,8-HxCDD

Type of Spike : Surrogate - Laboratory Control, cont.

 10/19/94
 LCS946720
 MS597141019114301
 NA
 50.0
 49.3
 ng/L
 99.0

 10/19/94
 LCSD946720
 MS597141019114301
 NA
 50.0
 51.2
 ng/L
 102

Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 101 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-1,2,3,4,7,8-HxCDD

Type of Spike : Surrogate - Method Blank

10/19/94 BLK944330 MS597141019114301 NA 50.0 51.4 ng/L 103

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 103 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,4,7,8-HxCDF

Type of Spike : Surrogate - Equipment Blank

10/19/94 G94-01-HA-11-01-EB MS597141019114301 NA 49.5 48.1 ng/L 97.0

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 97.0 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-1,2,3,4,7,8-HxCDF

Type of Spike : Surrogate - Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE ORIG. AMOUNT AMOUNT % RESULT ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOV _____ -----

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-1,2,3,4,7,8-HxCDF

Type of Spike : Surrogate - Laboratory Control, cont.

10/19/94 LCS946720 MS597141019114301 NA 50.0 52.6 105 10/19/94 LCSD946720 MS597141019114301 50.0 53.6 ng/L 107

Number of Samples : 2
Mean % Recovery : 106
Standard Deviation : NC Below acceptance : Above acceptance : 0 Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,4,7,8-HxCDF Type of Spike : Surrogate - Method Blank

BLK944330 10/19/94 MS597141019114301 50.0 52.6 105 : 1 : 105 : NC Number of Samples Below acceptance : Mean % Recovery Above acceptance : 0 Standard Deviation

Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-1,2,3,7,8-PeCDD

Type of Spike : Surrogate - Equipment Blank

10/19/94 G94-01-HA-11-01-EB MS597141019114301 49.5 46.3 ng/L 94.0

Number of Samples : 1 Below acceptance : Mean % Recovery : 94.0 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,7,8-PeCDD

Type of Spike : Surrogate - Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

NS = Not Specified

A-2.2-50

ORIG. AMOUNT AMOUNT RESULT DATE **RECOVERY** RESULT SPIKED RECOVERED UNIT ANALYZED SAMPLE ID BATCH ID

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-1,2,3,7,8-PeCDD

Type of Spike : Surrogate - Laboratory Control, cont.

LCS946720 MS597141019114301 50.0 49.6 99.0 10/19/94 50.0 49.4 99.0 10/19/94 LCSD946720 MS597141019114301 NA ng/L

Number of Samples Below acceptance : : 99.0 Above acceptance : 0 Mean % Recovery Standard Deviation : NC Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,7,8-PeCDD Type of Spike : Surrogate - Method Blank

100 10/19/94 BLK944330 MS597141019114301 50.0 50.2

: 1 : 100 : NC Number of Samples 0 Below acceptance : Above acceptance : 0 Mean % Recovery Acceptance Criteria 40-120 Standard Deviation

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-1,2,3,7,8-PeCDF

Type of Spike : Surrogate - Equipment Blank

G94-01-HA-11-01-EB MS597141019114301 49.5 50.4 ng/L 102 10/19/94

Number of Samples Below acceptance : Mean % Recovery : 102 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,7,8-PeCDF

DATE ORIG. AMOUNT AMOUNT RESULT % ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOV. -----

Method: SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,7,8-PeCDF

Type of Spike : Surrogate - Laboratory Control, cont.

10/19/94 LCS946720 MS597141019114301 50.0 53.2 ng/L 106 10/19/94 LCSD946720 MS597141019114301 NΑ 50.0 54.0 ng/L 108

Number of Samples Below acceptance : Mean % Recovery : 107 Above acceptance : 0 : NC Standard Deviation Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte: C13-1,2,3,7,8-PeCDF Type of Spike : Surrogate - Method Blank

10/19/94 BLK944330 MS597141019114301 52.6 105 ng/L Below acceptance : 0

Number of Samples : 1 Mean % Recovery : 105 Standard Deviation : NC Above acceptance : 0 Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDD

Type of Spike : Surrogate - Equipment Blank

10/19/94 G94-01-HA-11-01-EB MS597141019114301 48.4 ng/L 49.5 98.0

Number of Samples : 1 Below acceptance : 0 Mean % Recovery : 98.0 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDD

DATE ORIG. AMOUNT AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDD

Type of Spike : Surrogate - Laboratory Control, cont.

 10/19/94
 LCS946720
 MS597141019114301
 NA
 50.0
 53.5
 ng/L
 107

 10/19/94
 LCSD946720
 MS597141019114301
 NA
 50.0
 52.6
 ng/L
 105

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 106 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDD

Type of Spike : Surrogate - Method Blank

10/19/94 BLK944330 MS597141019114301 NA 50.0 50.2 ng/L 100

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 100 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDF

Type of Spike : Surrogate - Equipment Blank

10/19/94 G94-01-HA-11-01-EB MS597141019114301 NA 49.5 49.9 ng/L 101

Number of Samples: 1Below acceptance : 0Mean % Recovery: 101Above acceptance : 0Standard Deviation: NCAcceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDF

AMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
					The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDF

Type of Spike : Surrogate - Laboratory Control, cont.

 10/19/94
 LCS946720
 MS597141019114301
 NA
 50.0
 53.2
 ng/L
 106

 10/19/94
 LCSD946720
 MS597141019114301
 NA
 50.0
 53.8
 ng/L
 108

Number of Samples: 2Below acceptance : 0Mean % Recovery: 107Above acceptance : 0Standard Deviation: NCAcceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-2,3,7,8-TCDF

Type of Spike : Surrogate - Method Blank

10/19/94 BLK944330 MS597141019114301 NA 50.0 52.1 ng/L 104

Number of Samples : 1 Below acceptance : 0

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 104 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDD

Type of Spike : Surrogate - Equipment Blank

10/19/94 G94-01-HA-11-01-EB MS597141019114301 NA 49.5 55.6 ng/L 112

Number of Samples: 1Below acceptance : 0Mean % Recovery: 112Above acceptance : 0Standard Deviation: NCAcceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDD

Type of Spike : Surrogate - Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

AMOUNT DATE ORIG. AMOUNT RESULT ANALYZED RESULT SPIKED RECOVERED UNIT SAMPLE ID BATCH ID RECOVERY

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDD

Type of Spike : Surrogate - Laboratory Control, cont.

10/19/94 LCS946720 MS597141019114301 50.0 46.1 ng/L 92.0 LCSD946720 48.2 10/19/94 50.0 96.0 MS597141019114301 NA ng/L

: 2 : 94.0 Number of Samples Below acceptance : Mean % Recovery Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDD

Type of Spike : Surrogate - Method Blank

10/19/94 BLK944330 MS597141019114301 50.0 57.3 115

: 1 : 115 : NC Number of Samples Below acceptance : Mean % Recovery Above acceptance : 0 Standard Deviation Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDF

Type of Spike : Surrogate - Equipment Blank

49.5 50.0 ng/L 10/19/94 G94-01-HA-11-01-EB MS597141019114301 101

Number of Samples 0 : 1 Below acceptance : Mean % Recovery Above acceptance : Standard Deviation : NC Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDF

Type of Spike : Surrogate - Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOV
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDF

Type of Spike : Surrogate - Laboratory Control, cont.

10/19/94 LCS946720 MS597141019114301 NA 50.0 51.8 ng/L LCSD946720 10/19/94 MS597141019114301 NA 50.0 52.6 ng/L 105

Number of Samples : 2
Mean % Recovery : 105
Standard Deviation : NC Below acceptance : Above acceptance : 0 Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDF

Type of Spike : Surrogate - Method Blank

10/19/94 BLK944330 MS597141019114301 ng/L 111 Below acceptance : 0
Above acceptance : 0

Number of Samples : 1
Mean % Recovery : 111
Standard Deviation : NC Acceptance Criteria 40-120

## ATTACHMENT C - APPENDIX B

**Table A-2.3** 

Detailed Listing of Solid Spike Results - 1994 Soil Samples

ANALYZED	SAMPLE II	)	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% Recover
		•						
Method : AK101	- Gasoline Rar	nge Organics						
piked Analyte : Gasoli Type of Spike : Matrix		nics						
09/27/94	G94-DD-SS	5-01	58743C01	72.0	6.00	NR	%	NR
09/27/94	G94-DD-SS	5-01	58743C01	72.0	6.00	NR	%	NR
10/01/94	G94-P0-SS	5-01	58743C01	0.00	6.00	5.20	%	87
10/01/94	G94-P0-SS	5-01	58743C01	0.00	6.00	5.40	%	89
Number of S	Samples	: 4		Below accept	ance :	0		
Mean % Reco	very	: 88.0		Above accept	ance :	0		
Standard De	eviation	: 0.00		Acceptance C	riteria	60-120		
		pike						
Type of Spike : Surrog 09/27/94	gate - Matrix S G94-DD-SS	5-01	58743C01	NA NA	25.0	NR MB	% ~	NR NB
Type of Spike : Surrog 09/27/94 09/27/94	gate - Matrix S G94-DD-SS G94-DD-SS	5-01 5-01	58743C01	NA	25.0	NR	%	NR
Type of Spike : Surrog 09/27/94	gate - Matrix S G94-DD-SS	5-01 5-01 5-01						
09/27/94 10/01/94 10/01/94	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS	6-01 6-01 6-01 6-01	58743C01 58743C01	NA NA NA	25.0 25.0 25.0	NR NR	% %	NR NR
Type of Spike : Surrog 09/27/94 09/27/94 10/01/94 10/01/94 Number of S	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS	5-01 5-01 5-01	58743C01 58743C01	NA NA NA Below accepta	25.0 25.0 25.0 	NR NR NR	% %	NR NR
Type of Spike : Surrog 09/27/94 09/27/94 10/01/94 10/01/94	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS G94-PO-SS	6-01 6-01 6-01 6-01 : 4	58743C01 58743C01	NA NA NA	25.0 25.0 25.0  ance :	NR NR NR	% %	NR NR
O9/27/94 O9/27/94 10/01/94 10/01/94 Number of S	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS G94-PO-SS	: 4 : 0.00	58743C01 58743C01	NA NA NA Below accepta Above accepta	25.0 25.0 25.0  ance :	NR NR NR O	% %	NR NR
O9/27/94 O9/27/94 10/01/94 10/01/94 Number of S	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS G94-PO-SS	: 4 : 0.00	58743C01 58743C01	NA NA NA Below accepta Above accepta	25.0 25.0 25.0  ance :	NR NR NR O	% %	NR NR
O9/27/94 O9/27/94 10/01/94 10/01/94 Number of S Mean % Reco Standard De	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS G94-PO-SS expery eviation	: 4 : 0.00 : 0.00	58743C01 58743C01	NA NA NA Below accepta Above accepta	25.0 25.0 25.0  ance :	NR NR NR O	% %	NR NR
O9/27/94 O9/27/94 O9/27/94 10/01/94 10/01/94 Number of S Mean % Reco Standard De	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS G94-PO-SS samples every eviation  - Gasoline Rar porotoluene	:-01 :-01 :-01 :-01 :	58743C01 58743C01	NA NA NA Below accepta Above accepta	25.0 25.0 25.0  ance :	NR NR NR O	% %	NR NR
O9/27/94 O9/27/94 O9/27/94 10/01/94 10/01/94 Number of S Mean % Reco Standard De	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS G94-PO-SS samples every eviation  - Gasoline Rar porotoluene	3-01 3-01 3-01 : 4 : 0.00 : 0.00	58743C01 58743C01	NA NA NA Below accepta Above accepta	25.0 25.0 25.0  ance :	NR NR NR O	% %	NR NR
O9/27/94 O9/27/94 O9/27/94 10/01/94 10/01/94 Number of S Mean % Reco Standard De  Method : AK101 piked Analyte : Triflu Type of Spike : Surrog	G94-DD-SS G94-DD-SS G94-PO-SS G94-PO-SS G94-PO-SS G94-PO-SS eviation  - Gasoline Rar corotoluene gate - Method E	3-01 3-01 3-01 : 4 : 0.00 : 0.00	58743C01 58743C01 58743C01	NA NA NA Below accept Above accept Acceptance C	25.0 25.0 25.0 	NR NR NR 0 0 0 60-120	% %	NR NR NR

Above acceptance :

Acceptance Criteria 60-120

0

: 96.0

: NC

Mean % Recovery

Standard Deviation

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : AK101	- Gasoline Rang	ge Or	ganics						
riked Analyte : Triflu Type of Spike : Surrog	orotoluene								
ype or spike : surrog	ate - Normai Se	ampre							
09/27/94	G94-DD-SS	-02		58743C01	NA	25.0	24.0	mg/kg	96
09/27/94	G94-DD-SS	-03		58743C01	NA	25.0	22.0	mg/kg	87
09/27/94	G94-DD-SS	-04		58743C01	NA	25.0	21.0	mg/kg	85
09/27/94	G94-DD-SS	-05		58743C01	NA	25.0	23.0	mg/kg	91
09/27/94	G94-P0-SS	-01		58743C01	NA	25.0	22.0	mg/kg	88
09/27/94	G94-P0-SS	-02		58743C01	NA	25.0	22.0	mg/kg	90. 81.
09/28/94	G94-DD-SS	-01		58743C01	NA	25.0	20.0	mg/kg	
Number of S	amples	:	7		Below accepta	ance :	0		
Mean % Reco	very	:	88.3		Above accepta	ance :	0		
Standard De	viation	:	4.75		Acceptance Ci	riteria	60-120		
iked Analyte : Diesel ype of Spike : Matrix		S							1
09/29/94	G94-DD-SS-	-01		58743D01	110	100	121	%	1
09/29/94	G94-DD-SS-	-01		58743D01	110	100	124	%	1
10/01/94	G94-P0-SS-	-01		58743D01	21.0	100	126	%	1
10/01/94	G94-P0-SS	-01		58743D01	21.0	100	103	%	1
Number of S	amples	:	4		Below accepta	ance :	0		
Mean % Reco	very	:	119		Above accepta	ance :	3		
Standard De	viation	:	10.5		Acceptance Cr	riteria (	60-120		
Method · AK102	- Diesel Range	Organ	nics						
	nsane								
ked Analyte : Tetrac		oike							
ked Analyte : Tetrac pe of Spike : Surrog	ate - Matrix Sp			58743D01	NΔ	27.0	42.0 (F)	%	1
ked Analyte : Tetrac /pe of Spike : Surrog 09/29/94	ate - Matrix Sp G94-DD-SS-	-01		58743D01 58743D01	NA NA	27.0 27.0	42.0 (F)	%	1
ked Analyte : Tetrac pe of Spike : Surrog 09/29/94 09/29/94	ate - Matrix Sp G94-DD-SS- G94-DD-SS-	-01 -01		58743D01	NA	27.0	46.0 (F)	%	1
ked Analyte : Tetrac pe of Spike : Surrog 09/29/94	ate - Matrix Sp G94-DD-SS-	-01 -01 -01							1 1
ked Analyte : Tetrac pe of Spike : Surrog 09/29/94 09/29/94 10/01/94 10/01/94	G94-DD-SS- G94-DD-SS- G94-PO-SS- G94-PO-SS-	-01 -01 -01 -01		58743D01 58743D01	NA NA NA	27.0 27.0 27.0	46.0 (F) 31.0 37.0	% %	1 1
iked Analyte : Tetrac ype of Spike : Surrog 09/29/94 09/29/94 10/01/94	G94-DD-SS- G94-DD-SS- G94-PO-SS- G94-PO-SS- amples	-01 -01 -01 -01	4 145	58743D01 58743D01	NA NA	27.0 27.0 27.0 ance:	46.0 (F) 31.0	% %	1 1 1 1

Standard Deviation : 23.6 Acceptance Criteria 60-120

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method: AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Method Blank

09/29/94	METHOD BLANK		58743D01	NA 	25.0	25.0	mg/kg	91.0
Number of Sample	es :	1		Below accep	tance :	0		
Mean % Recovery	:	91.0		Above accep	tance :	0		
Standard Deviat	ion :	NC		Acceptance	Criteria	60-120		

Method : AK102 - Diesel Range Organics

Spiked Analyte : Tetracosane

Type of Spike : Surrogate - Normal Sample

09/29/94	G94-DD-SS-01	58743D01	NA	25.0	37.0	mg/kg	138
09/29/94	G94-DD-SS-04	58743D01	NA	25.0	35.0	mg/kg	128
09/29/94	G94-DD-SS-05	58743D01	NA	25.0	57.0 (F)	mg/kg	210
09/29/94	G94-P0-SS-01	58743D01	NA	25.0	32.0	mg/kg	120
09/29/94	G94-P0-SS-02	58743D01	NA	25.0	28.0	mg/kg	103
10/01/94	G94-DD-SS-03	58743D01	NA	25.0	68.0 (F)	mg/kg	252
10/04/94	G94-DD-SS-02	58743D01	NA	25.0	105 (F)	mg/kg	390

Number of Samples : 7 Below acceptance : 0
Mean % Recovery : 192 Above acceptance : 5
Standard Deviation : 103 Acceptance Criteria 60-120

Method : SW6010 - Metals

Spiked Analyte : Aluminum

Type of Spike : Laboratory Control

10/05/94	218M946638	EMJA6141005100004	NA	5560	5540	mg/kg	100
10/05/94	218M946665	EMJA6141005100004	NA	5560	4900	mg/kg	88.0
10/05/94	218MD946638	EMJA6141005100004	NA	5560	5620	mg/kg	101
10/05/94	218MD946665	EMJA6141005100004	NA	5560	5050	mg/kg	91.0

DO = Diluted Out

Number of Samples : 4 Below acceptance : 0
Mean % Recovery : 95.0 Above acceptance : 0
Standard Deviation : 6.48 Acceptance Criteria 80-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

Number of Samples   2   Below acceptance : 0   Mean % Recovery : 111   Above acceptance : 0   Standard Deviation : NC   Acceptance Criteria   75-125      Method : SW6010 - Metals   Spiked Analyte : Antimony   Toyo of Spike : Laboratory Control		RESULT UNIT	AMOUNT RECOVERED	AMOUNT SPIKED		BATCH ID		PLE ID	D SAMP	DATE ANALYZED
10/05/94   694-PO-SS-01   EMJA6141005100004   10200   4570   15300   mg   10/05/94   694-PO-SS-01   EMJA6141005100004   10200   4830   15500   mg   10/05/94   694-PO-SS-01   EMJA6141005100004   10200   4830   15500   mg   10/05/94   694-PO-SS-01   EMJA6141005100004   10200   4830   15500   mg   10/05/94   111   Above acceptance : 0   Acceptance Criteria   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   75-125   7									- <b></b> -	
Type of Spike : Matrix Spike   10/05/94										
10/05/94										
Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 75-125  Method : SW6010 - Metals Siked Analyte : Antimony Type of Spike : Laboratory Control  10/05/94 218M946638 EMJA6141005100004 NA 43.9 40.0 mg/ 10/05/94 218M946665 EMJA6141005100004 NA 43.9 63.6 mg/ 10/05/94 218MD946638 EMJA6141005100004 NA 43.9 35.1 mg/ 10/05/94 218MD946665 EMJA6141005100004 NA 43.9 56.4 mg/ Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 2 Standard Deviation : 30.8 Acceptance Criteria 80-120  Method : SW6010 - Metals iked Analyte : Antimony ype of Spike : Matrix Spike  10/05/94 G94-PO-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/	′kg :	mg/kg	15300	4570	10200 4					
Mean % Recovery       : 111       Above acceptance : 0         Standard Deviation       : NC       Acceptance Criteria 75-125         Method : SW6010 - Metals iked Analyte : Antimony ype of Spike : Laboratory Control         10/05/94       218M946638       EMJA6141005100004       NA 43.9 40.0 mg/s         10/05/94       218M946655       EMJA6141005100004       NA 43.9 63.6 mg/s         10/05/94       218MD946638       EMJA6141005100004       NA 43.9 35.1 mg/s         10/05/94       218MD946665       EMJA6141005100004       NA 43.9 56.4 mg/s         Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 2         Standard Deviation : 30.8 Acceptance Criteria 80-120         Method : SW6010 - Metals iked Analyte : Antimony ype of Spike : Matrix Spike         10/05/94 G94-PO-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/s	′kg	mg/kg	15500	4830	10200 4	EMJA6141005100004		PO-SS-01	4 G94-,	10/05/94
Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : SW6010 - Metals   Method : Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   Metals   M			0		•					
Method: SW6010 - Metals iked Analyte: Antimony ype of Spike: Laboratory Control  10/05/94								;	-	
Method : SW6010 - Metals   Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   M			, 2-172	.eria /:	Acceptance Crite		. 110	•	ard beviation	o dandar d
iked Analyte : Antimony ype of Spike : Laboratory Control  10/05/94										
Method : SW6010 - Metals   Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   Method : Sw6010 - Metals   M									SW6010 _ Ma+=1-	Mathad . CUE
10/05/94 218M946638 EMJA6141005100004 NA 43.9 40.0 mg/ 10/05/94 218M946665 EMJA6141005100004 NA 43.9 63.6 mg/ 10/05/94 218MD946638 EMJA6141005100004 NA 43.9 35.1 mg/ 10/05/94 218MD946665 EMJA6141005100004 NA 43.9 56.4 mg/  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 2 Standard Deviation : 30.8 Acceptance Criteria 80-120  Method : SW6010 - Metals ked Analyte : Antimony pe of Spike : Matrix Spike  10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/										
10/05/94 218M946665 EMJA6141005100004 NA 43.9 63.6 mg/ 10/05/94 218MD946638 EMJA6141005100004 NA 43.9 35.1 mg/ 10/05/94 218MD946665 EMJA6141005100004 NA 43.9 56.4 mg/  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 2 Standard Deviation : 30.8 Acceptance Criteria 80-120  Method : SW6010 - Metals iked Analyte : Antimony //pe of Spike : Matrix Spike  10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/								rol	aboratory Conti	ype of Spike : Lab
10/05/94 218M946665 EMJA6141005100004 NA 43.9 63.6 mg/ 10/05/94 218MD946638 EMJA6141005100004 NA 43.9 35.1 mg/ 10/05/94 218MD946665 EMJA6141005100004 NA 43.9 56.4 mg/  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 2 Standard Deviation : 30.8 Acceptance Criteria 80-120  Method : SW6010 - Metals ked Analyte : Antimony //pe of Spike : Matrix Spike  10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/	kg 9:	mg/kg	40.0	43.9	NA 4;	EMJA6141005100004		946638	218M9	10/05/94
10/05/94 218MD946665 EMJA6141005100004 NA 43.9 56.4 mg/  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 2 Standard Deviation : 30.8 Acceptance Criteria 80-120  Method : SW6010 - Metals  ked Analyte : Antimony  //pe of Spike : Matrix Spike  10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/	-	mg/kg								
Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 111 Above acceptance : 2 Standard Deviation : 30.8 Acceptance Criteria 80-120  Method : SW6010 - Metals ked Analyte : Antimony The of Spike : Matrix Spike  10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/		mg/kg mg/kg								
Mean % Recovery : 111 Above acceptance : 2 Standard Deviation : 30.8 Acceptance Criteria 80-120  Method : SW6010 - Metals ked Analyte : Antimony pe of Spike : Matrix Spike  10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/				e · (	Below accentance		4	: :	of Samples	Number o
Method : SW6010 - Metals ked Analyte : Antimony pe of Spike : Matrix Spike 10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 96.6 50.1 mg/				e: 2	Above acceptance		111		Recovery	Mean % Re
ked Analyte : Antimony  //pe of Spike : Matrix Spike  10/05/94			0-120	eria 80	Acceptance Criter		30.8	:	erd Deviation	Standard
ked Analyte : Antimony pe of Spike : Matrix Spike  10/05/94										
rpe of Spike : Matrix Spike  10/05/94										
10 /0F /04									<del>-</del>	-
10/05/94 G94-P0-SS-01 EMJA6141005100004 -4.40 91.5 39.4 mg/	kg 56	mg/kg	50.1	96.6	-4.40 96	EMJA6141005100004				
	kg 48	mg/kg	39.4	91.5	-4.40 91	EMJA6141005100004		0-SS-01	G94-P	10/05/94
Number of Samples : 2 Below acceptance : 2			2	e : 2	Below acceptance				•	
Mean % Recovery : 52.0 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 75-125					•					

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report D0 = Diluted Out

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
			· .					
Method : SW6010	- Metals							
Spiked Analyte : Arseni Type of Spike : Labora								
10/05/94	218M946638		EMJA6141005100004	NA NA	114	94.0	mg/kg	82
10/05/94	218M946665		EMJA6141005100004	NA NA	114	107	mg/kg	94
10/05/94	218MD946638		EMJA6141005100004	. NA	114	103	mg/kg	90
10/05/94	218MD946665		EMJA6141005100004	NA	114	107	mg/kg	94 
Number of S	amples	: 4		Below accept		0		
Mean % Reco		: 90.0		Above accept		0		
Standard De	viation	: 5.66		Acceptance C	riteria	80-120		
10/05/94 10/05/94	G94-P0-SS-01 G94-P0-SS-01		EMJA6141005100004 EMJA6141005100004		96.6 91.5	80.0 73.8	mg/kg mg/kg	84 82
Number of S	amples	: 2		Below accepta	 ance :	0		
Mean % Reco	very	: 83.0		Above accepta	ance :	0		
Standard De	viation	: NC		Acceptance C	riteria	75-125		
Method : SW6010 Spiked Analyte : Barium Type of Spike : Labora								
10/05/94	218M946638		EMJA6141005100004	NA	284	280	mg/kg	99
10/05/94	218M946665		EMJA6141005100004		284	277	mg/kg	97
10/05/94	218MD946638		EMJA6141005100004		284	278	mg/kg	98
10/05/94	218MD946665		EMJA6141005100004	NA	284	278	mg/kg	98
Number of S	amples	: 4		Below accepta	ance :	0		
Mean % Reco	very	: 98.0		Above accepta	ance :	0		

Standard Deviation : 0.816 Acceptance Criteria 80-120

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW6010 Diked Analyte : Barium Type of Spike : Matrix	n							
10/05/94	G94-P0-SS-01		EMJA6141005100004		96.6	248	mg/kg	10
10/05/94	G94-P0-SS-01		EMJA6141005100004	147	91.5	246	mg/kg	1
Number of S Mean % Reco Standard De	overy	: 2 : 107 : NC		Below accepta Above accepta Acceptance Cr	nce :	0 0 75-125		
whe of Shika . Labora	lium							
Type of Spike : Labora 10/05/94 10/05/94	218M946638 218M946665		EMJA6141005100004 EMJA6141005100004	NA NA	95.1 95.1	93.4 94.5	mg/kg mg/kg	98 99
10/05/94	218M946638							99 99
10/05/94 10/05/94 10/05/94 10/05/94 Number of S	218M946638 218M946665 218MD946638 218MD946665	·:: 4	EMJA6141005100004 EMJA6141005100004	NA NA	95.1 95.1 95.1	94.5 93.8	mg/kg mg/kg	99 99
10/05/94 10/05/94 10/05/94 10/05/94 Number of S	218M946638 218M946665 218MD946638 218MD946665 Camples	: 98.8	EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta	95.1 95.1 95.1  nce :	94.5 93.8 93.8 0	mg/kg mg/kg	
10/05/94 10/05/94 10/05/94 10/05/94 Number of S	218M946638 218M946665 218MD946638 218MD946665 Camples		EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta	95.1 95.1 95.1  nce :	94.5 93.8 93.8	mg/kg mg/kg	99 <b>9</b> 9
10/05/94 10/05/94 10/05/94 10/05/94 Number of S	218M946638 218M946665 218MD946665 218MD946665 30mples overy	: 98.8	EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta	95.1 95.1 95.1  nce :	94.5 93.8 93.8 0	mg/kg mg/kg	99 99
10/05/94 10/05/94 10/05/94 10/05/94 Number of S Mean % Reco Standard De	218M946638 218M946665 218MD946665 218MD946665 Samples Every Eviation	: 98.8	EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta	95.1 95.1 95.1  nce :	94.5 93.8 93.8 0	mg/kg mg/kg	99 99
10/05/94 10/05/94 10/05/94 10/05/94 Number of S Mean % Reco Standard De Method : SW6010 iked Analyte : Beryll ype of Spike : Matrix	218M946638 218M946665 218MD946665 218MD946665 Gamples overy eviation	: 98.8	EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta Acceptance Cr	95.1 95.1 95.1 	94.5 93.8 93.8 0 0 30-120	mg/kg mg/kg mg/kg	99 <b>9</b> 9
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 Number of S Mean % Reco Standard De	218M946638 218M946665 218MD946665 218MD946665 Gamples overy eviation	: 98.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta Acceptance Cr	95.1 95.1 95.1 	94.5 93.8 93.8 0 0 0 30-120	mg/kg mg/kg mg/kg	99 99 99
10/05/94 10/05/94 10/05/94 10/05/94 Number of S Mean % Reco Standard De Method : SW6010 iked Analyte : Beryll ype of Spike : Matrix	218M946638 218M946665 218MD946665 218MD946665 Gamples Every Eviation 0 - Metals ium C Spike G94-P0-SS-01 G94-P0-SS-01	: 98.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta Acceptance Cr	95.1 95.1 95.1 	94.5 93.8 93.8 0 0 30-120	mg/kg mg/kg mg/kg	99 99 99
10/05/94 10/05/94 10/05/94 10/05/94 Number of S Mean % Recc Standard De Standard De Standa	218M946638 218M946665 218MD946665 218MD946665 30 amples 30 - Metals 4 ium 4 Spike 4 G94-P0-SS-01 6 G94-P0-SS-01	: 98.8	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta Acceptance Cr  0.310 0.310	95.1 95.1 95.1 	94.5 93.8 93.8 0 0 80-120	mg/kg mg/kg mg/kg	99 99 99

Al	DATE NALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	hod : SW6010 -									
	yte : Cadmium ike : Laborato									
	0/05/94	218M946638			EMJA6141005100004		95.0	89.4	mg/kg	94
	0/05/94	218M946665			EMJA6141005100004		95.0	90.7	mg/kg	96
	0/05/94 0/05/94	218MD946638 218MD946665			EMJA6141005100004 EMJA6141005100004		95.0 95.0	91.2 91.1	mg/kg mg/kg	96 96
						Polow accepts		0		
	Number of Sam Mean % Recove	•	:	4 95.5		Below accepta Above accepta		0		
	Standard Devi	-		1.00		Acceptance Cr		30-120		
						•				
piked Analy	hod : SW6010 - yte : Cadmium									
piked Analy Type of Sp					EMJA6141005100004 EMJA6141005100004		91.5 96.6	72.4 76.3	mg/kg mg/kg	
piked Analy Type of Sp	yte : Cadmium ike : Matrix S 0/05/94 0/05/94  Number of Sam	Spike	· :			-0.00278 Below accepta	96.6 	76.3 0		
Spiked Analy Type of Sp	yte : Cadmium ike : Matrix S 0/05/94 0/05/94  Number of Sam Mean % Recove	Spike	 : :	79.0		-0.00278  Below accepta Above accepta	96.6  ince :	76.3 0 0		
Spiked Analy Type of Sp	yte : Cadmium ike : Matrix S 0/05/94 0/05/94  Number of Sam	Spike	· :	79.0		-0.00278 Below accepta	96.6  ince :	76.3 0		
piked Analy Type of Sp 10 16	yte : Cadmium ike : Matrix S 0/05/94 0/05/94 Number of Sam Mean % Recove Standard Devi	Spike  G94-P0-SS-01 G94-P0-SS-01  mples ery iation  Metals	 : :	79.0		-0.00278  Below accepta Above accepta	96.6  ince :	76.3 0 0		
piked Analy Type of Sp  10  10  Meti	yte : Cadmium ike : Matrix S 0/05/94 0/05/94 Number of Sam Mean % Recove Standard Devi	Spike  G94-P0-SS-01 G94-P0-SS-01  mples ery iation  Metals	 : :	79.0		-0.00278  Below accepta Above accepta	96.6  ince :	76.3 0 0		
Meti	yte : Cadmium ike : Matrix S  0/05/94  0/05/94  Number of Sam Mean % Recove Standard Devi	Spike  G94-P0-SS-01 G94-P0-SS-01  mples ery iation  Metals	 : :	79.0		-0.00278  Below accepta Above accepta	96.6	76.3 0 0	mg/kg	7 <u>.</u>
Meti	yte : Cadmium ike : Matrix S  0/05/94  0/05/94  Number of Sam Mean % Recove Standard Devi	Spike  694-PO-SS-01  694-PO-SS-01  mples ery iation  Metals  bry Control	 : :	79.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-0.00278 Below accepta Above accepta Acceptance Cr	96.6	76.3 0 0 75-125 3680 3660	mg/kg	79
piked Analy Type of Sp  10  11  Meti piked Analy Type of Sp  10  11	yte : Cadmium ike : Matrix S  0/05/94  0/05/94  Number of Sam Mean % Recove Standard Devi	G94-P0-SS-01 G94-P0-SS-01 The sery station  Metals  Ory Control 218M946638 218M946665 218M0946638	 : :	79.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-0.00278 Below accepta Above accepta Acceptance Cr	96.6	76.3 0 0 75-125 3680 3660 3730	mg/kg mg/kg mg/kg mg/kg	7
Meti Spiked Analy  Type of Sp  Meti Spiked Analy  Type of Sp  10	yte : Cadmium ike : Matrix S  0/05/94  0/05/94  Number of Sam Mean % Recove Standard Devi	G94-P0-SS-01 G94-P0-SS-01 mples ery iation  - Metals ory Control 218M946638 218M946665	 : :	79.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-0.00278 Below accepta Above accepta Acceptance Cr	96.6	76.3 0 0 75-125 3680 3660	mg/kg	7:
piked Analy Type of Sp  10  11  Meti piked Analy Type of Sp  10  11	yte : Cadmium ike : Matrix S  0/05/94  0/05/94  Number of Sam Mean % Recove Standard Devi	G94-P0-SS-01 G94-P0-SS-01 mples ery iation  - Metals ory Control 218M946638 218M946665 218MD946665	 : :	79.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-0.00278 Below accepta Above accepta Acceptance Cr	96.6  Ince : Ince : Interia 7  3680 3680 3680 3680	76.3 0 0 75-125 3680 3660 3730	mg/kg mg/kg mg/kg mg/kg	79
piked Analy Type of Sp  10  11  Meti piked Analy Type of Sp  10  11	yte : Cadmium ike : Matrix S  0/05/94  0/05/94  Number of Sam Mean % Recove Standard Devi  hod : SW6010 - yte : Calcium ike : Laborato  0/05/94  0/05/94  0/05/94	G94-P0-SS-01 G94-P0-SS-01 G94-P0-SS-01 mples ery iation  - Metals bry Control 218M946638 218M946665 218MD946665	: : :	79.0 NC	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-0.00278  Below accepta Above accepta Acceptance Cr  NA NA NA NA NA	96.6  Ince : Ince : Interia 7  3680 3680 3680 3680	76.3 0 0 75-125 3680 3660 3730 3670	mg/kg mg/kg mg/kg mg/kg	7:

DO = Diluted Out

DA'		SAMPLE ID			BATCH ID		IG. SULT	AMOUN SPIKE		RESULT UNIT	% RECOVERY
Method Spiked Analyte Type of Spike											
10/09	5/94	G94-P0-SS-01 G94-P0-SS-01			EMJA6141005100004 EMJA6141005100004		15200 15200	4570 4830	19400 19800	mg/kg mg/kg	91.0 95.0
Mea	nber of San an % Recove andard Devi	ery	: : : 9: : N			Above	accepta accepta ance Cr	ince :	0 0 75-125		
Method Spiked Analyte Type of Spike		n									
10/05 10/05 10/05 10/05	/94 /94	218M946638 218M946665 218MD946638 218MD946665			EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	N	IA IA IA	154 154 154 154	145 141 146 142	mg/kg mg/kg mg/kg mg/kg	94.0 92.0 95.0 92
Mea	ber of Sam n % Recove	ery	: 4 : 93 : 1.			Above	accepta accepta ance Cr	nce :	0 0 80-120		
Method piked Analyte Type of Spike		1									
10/05 10/05		G94-P0-SS-01 G94-P0-SS-01			EMJA6141005100004 EMJA6141005100004		20.3 20.3	91.5 96.6	94.8 99.4	mg/kg mg/kg	81.0 82.0
Mea	ber of Sam n % Recove ndard Devi	ry	: 2 : 81 : NC	1.5		Above	acceptar acceptar acceptar	nce :	0 0 75-125		

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW6010	- Metals							
Spiked Analyte : Cobalt								
Type of Spike : Labora	tory Control							
10/05/94	218M946638		EMJA6141005100004	NA	91.3	88.5	mg/kg	97
10/05/94	218M946665		EMJA6141005100004	NA	91.3	89.9	mg/kg	98
10/05/94	218MD946638		EMJA6141005100004	NA	91.3	88.5	mg/kg	97
10/05/94	218MD946665		EMJA6141005100004	NA	91.3	89.9	mg/kg	98
Number of S	amples	: 4		Below accept	ance :	0	,	
Mean % Reco	very	: 97.5		Above accept	ance :	0		
Standard De	viation	: 0.577		Acceptance C	riteria	80-120		
Marked CUCOLO	Mada 3 a							
Method : SW6010 Spiked Analyte : Cobalt								
Type of Spike : Matrix								
10/05/94	G94-P0-SS-01		EMJA6141005100004		96.6	86.8	mg/kg	81
10/05/94	G94-P0-SS-01	l 	EMJA6141005100004	9.04	91.5	82.9 	mg/kg	81 
Number of S	amples	: 2		Below accepta	ance :	0		
Mean % Reco	very	: 81.0		Above accepta	ance :	0		
Standard De	viation	: NC		Acceptance Co	riteria :	75-125		
Method : SW6010	- Metals							
piked Analyte : Copper	tony Control							
Type of Spike : Labora	tory control							
10/05/94	218M946638		EMJA6141005100004	NA	119	114	mg/kg	96
10/05/94	218M946665		EMJA6141005100004	NA	119	114	mg/kg	96
10/05/94	218MD946638		EMJA6141005100004	NA	119	113	mg/kg	95
10/05/94	218MD946665		EMJA6141005100004	NA	119	113	mg/kg	95
Number of Sa	 amples	: 4		Below accepta	ance :	0		
Mean % Recov		: 95.5		Above accepta		0		

Date Compiled: 22 March 1995

Standard Deviation

ND = Not Detected

: 0.577

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

Acceptance Criteria 80-120

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOVE
Method : SW6 Spiked Analyte : Cop Type of Spike : Mat									
10/05/94 10/05/94	G94-P0-SS-0 G94-P0-SS-0			EMJA6141005100004 EMJA6141005100004		96.6 91.5	101 95.3	mg/kg mg/kg	87.0 86.0
Mean % R	of Samples Decovery	:			Below accept Above accept Acceptance C	ance :	0 0 75-125		
Method : SW6 Spiked Analyte : Iro Type of Spike : Lab 10/05/94	n			EMJA6141005100004	NA	8640	8980	mg/kg	· 104
10/05/94 10/05/94 10/05/94	218M946665 218MD946638 218MD946665			EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA	8640 8640 8640	9320 8750 9430	mg/kg mg/kg mg/kg	108 101
Mean % R	f Samples ecovery Deviation	: : :	_		Below accepta Above accepta Acceptance C	ance :	0 0 0 80-120		
Method : SW6 piked Analyte : Iro Type of Spike : Mat	n								

Number of Samples

Standard Deviation

Mean % Recovery

: 2

: NC

: 67.0

Below acceptance :

Above acceptance :

Acceptance Criteria 75-125

2

0

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
						· · · · · · · · · · · · · · · · · · ·		
Method : SW6010	- Metals							
Spiked Analyte : Lead Type of Spike : Labora	tory Control							
10/05/94	218M946638		EMJA6141005100004	NA	147	133	mg/kg	91.
10/05/94	218M946665		EMJA6141005100004		147	130	mg/kg	88.
10/05/94	218MD946638		EMJA6141005100004		147	131	mg/kg	89.
10/05/94	218MD946665	٠	EMJA6141005100004	NA	147	126	mg/kg	86.
Number of S	amples	: 4		Below accepta	ance :	0		
Mean % Reco		: 88.5		Above accepta		0		
Standard De	viation	: 2.08		Acceptance Cr	riteria	80-120		
Type of Spike : Matrix  10/05/94  10/05/94	G94-P0-SS-01 G94-P0-SS-01		EMJA6141005100004 EMJA6141005100004	3.74 3.74	96.6 91.5	74.5 74.3	mg/kg mg/kg	73. 77.
Number of Sa		.: 2		Below accepta		1		
Mean % Reco		: 75.0		Above accepta		0		
Standard De	viation	: NC		Acceptance Cr	riteria .	75-125		
Method : SW6010								
Spiked Analyte : Magnes Type of Spike : Labora								
10/05/94	218M946638		EMJA6141005100004	NA	1830	1900	mg/kg	10
10/05/94	218M946665		EMJA6141005100004	NA	1830	1870	mg/kg	10
10/05/94	218MD946638		EMJA6141005100004	NA NA	1830	1910	mg/kg	10
10/05/94 	218MD946665		EMJA6141005100004	NA 	1830 	1870 	mg/kg	10 
Number of Sa		: 4		Below accepta		0		
Mean % Reco		: 103		Above accepta		0		
Standard De	viation	: 1.15		Acceptance Cr	riteria (	80-120		

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DO = Diluted Out

DATE ANALYZ		SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : Spiked Analyte : Type of Spike :									
10/05/9 10/05/9		94-P0-SS-01 94-P0-SS-01		EMJA6141005100004 EMJA6141005100004		4830 4570	11000 10700	mg/kg mg/kg	83 79
Mean	er of Samples % Recovery dard Deviatio		: 2 : 81.0 : NC		Below accepta Above accepta Acceptance Cr	ince :	0 0 75-125		
piked Analyte : Type of Spike :	Laboratory C	ontrol							
10/05/9 10/05/9		18M946638 18M946665		EMJA6141005100004	NA NA	191	187	mg/kg	98.
10/05/9		18MD946638		EMJA6141005100004 EMJA6141005100004	NA . NA	191 191	188 187	mg/kg mg/kg	99 98
10/05/9		18MD946665		EMJA6141005100004	NA	191	189	mg/kg	99
Numbe	r of Samples		 : 4		 Below accepta	nce ·	0		· `
	% Recovery		: 98.5		Above accepta		0		
Stand	ard Deviation	n	: 0.577		Acceptance Cr	iteria 8	30-120		
Method : piked Analyte : Type of Spike :		als							
10/05/9	4 G ^e	94-P0-SS-01		EMJA6141005100004	317	96.6	401	mg/kg	86
10/05/9		94-P0-SS-01		EMJA6141005100004	317	91.5	388	mg/kg mg/kg	77
	r of Samples % Recovery		<b></b> : 2 : 81.5		Below acceptar Above acceptar		0		

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW6010 piked Analyte : Molybd Type of Spike : Labora	lenum								
10/05/94	218M946638			EMJA6141005100004	NA	142	142	ma/ka	10
10/05/94	218M946665			EMJA6141005100004		142	142	mg/kg mg/kg	10
10/05/94	218MD946638			EMJA6141005100004		142	142	mg/kg	10
10/05/94	218MD946665			EMJA6141005100004		142	145	mg/kg	10
Number of S	amples	<b>-</b>	4		Below accepta	nce :	0		
Mean % Reco		:	101		Above accepta		0		
Standard De	viation	:	1.50		Acceptance Cr	iteria {	30-120		
10/05/94 10/05/94	G94-P0-SS-01 G94-P0-SS-01			EMJA6141005100004 EMJA6141005100004		96.6 91.5	84.7 78.3	mg/kg mg/kg	88. 86.
Number of S	amples	 :	2		Below accepta	nce :	o		
Mean % Reco		:	87.0		Above accepta		0		
Standard De	viation	:	NC		Acceptance Cr	iteria 7	75-125		
Method : SW6010 Diked Analyte : Nickel Type of Spike : Labora									
10/05/94	218M946638			EMJA6141005100004	NA	151	150	mg/kg	99.
10/05/94	218M946665			EMJA6141005100004	NA	151	150	mg/kg	10
10/05/94	218MD946638			EMJA6141005100004	NA	151	149	mg/kg	99.
10/05/94	218MD946665			EMJA6141005100004	NA	151	149	mg/kg	
		·							98.
Number of Sa	amples	· :	4		Below accepta	 nce :	0		98.

NS = Not Specified Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable

: 99.0

: 0.816

Mean % Recovery

Standard Deviation

Above acceptance :

Acceptance Criteria 80-120

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
Method : SW601 Spiked Analyte : Nicke Type of Spike : Matri	1							
10/05/94 10/05/94	G94-P0-SS-01 G94-P0-SS-01		EMJA6141005100004 EMJA6141005100004		96.6 91.5	98.9 95.9	mg/kg mg/kg	77. 78.
Number of Mean % Rec Standard D	overy	: 2 : 77.5 : NC		Below accepta Above accepta Acceptance Cu	ance :	0 0 75-125		
Method : SW601 Spiked Analyte : Potas Type of Spike : Labor	sium							
40 (00 (0)	218M946638		EMJA6141005100004	NA	2600	2610	mg/kg	10
10/05/94								
10/05/94	218M946665		EMJA6141005100004	NA	2600	2520	mg/kg	97.
			EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA	2600 2600 2600	2520 2640 2500		97
10/05/94 10/05/94 10/05/94	218M946665 218MD946638 218MD946665	 : 4	EMJA6141005100004	NA NA	2600 2600	2640 2500	mg/kg mg/kg	97 10
10/05/94 10/05/94	218M946665 218MD946638 218MD946665 	: 4 : 98.8	EMJA6141005100004	NA	2600 2600 	2640	mg/kg mg/kg	97. 10
10/05/94 10/05/94 10/05/94 Number of S	218M946665 218MD946638 218MD946665  Samples overy		EMJA6141005100004	NA NA Below accepta	2600 2600 Ince :	2640 2500 0	mg/kg mg/kg	97 10
10/05/94 10/05/94 10/05/94 Number of S	218M946665 218MD946668 218MD946665	: 98.8	EMJA6141005100004	NA NA Below accepta Above accepta	2600 2600 Ince :	2640 2500 0	mg/kg mg/kg	97 10
10/05/94 10/05/94 10/05/94 Number of : Mean % Reco Standard Do Method : SW6010	218M946665 218MD946668 218MD946665	: 98.8 : 2.75	EMJA6141005100004	NA NA Below accepta Above accepta	2600 2600 unce : ince :	2640 2500 0 0 80-120	mg/kg mg/kg mg/kg	97 10 96
10/05/94 10/05/94 10/05/94 Number of Standard Description  Method : SW6016 Spiked Analyte : Potass Type of Spike : Matrix	218M946665 218MD946668 218MD946665 Samples overy eviation  O - Metals sium c Spike	: 98.8 : 2.75	EMJA6141005100004 EMJA6141005100004	NA NA Below accepta Above accepta Acceptance Cr	2600 2600 Ince :	2640 2500 0	mg/kg mg/kg	97 1 96
10/05/94 10/05/94 10/05/94 Number of Standard Defined Analyte : Potass Type of Spike : Matrix	218M946665 218MD946638 218MD946665 	: 98.8 : 2.75	EMJA6141005100004	NA NA Below accepta Above accepta Acceptance Cr	2600 2600 	2640 2500 0 0 80-120	mg/kg mg/kg mg/kg	97 1
10/05/94 10/05/94 10/05/94 Number of S Mean % Reco Standard Do Method : SW6010 Spiked Analyte : Potass Type of Spike : Matrix 10/05/94 10/05/94	218M946665 218MD946668 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665	: 98.8 : 2.75	EMJA6141005100004	NA NA Below accepta Above accepta Acceptance Cr	2600 2600 	2640 2500 0 0 80-120 5520 5360	mg/kg mg/kg mg/kg	97 1 96

DATE ANALYZED 	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW6010 Spiked Analyte : Seleni								
Type of Spike : Labora								
10/05/94	218M946638		EMJA6141005100004	NA	90.0	80.9	mg/kg	90.
10/05/94	218M946665		EMJA6141005100004	NA	90.0	80.4	mg/kg	89
10/05/94	218MD946638		EMJA6141005100004	NA	90.0	81.9	mg/kg	91.
10/05/94	218MD946665		EMJA6141005100004	NA	90.0	82.0	mg/kg	91.
Number of S	amples	: 4		Below accepta	ance :	0	<b></b>	
Mean % Reco	very	: 90.3		Above accepta	ance :	0		
Standard De	viation	: 0.957		Acceptance Co	riteria 8	30-120		
10/05/94 10/05/94  Number of S Mean % Reco		: 2 : 83.5	EMJA6141005100004 EMJA6141005100004	-8.50 -8.50 Below accepta Above accepta		75.6 64.8	mg/kg mg/kg	87. 80.
nean // need	· - · J			ADOVE accepts	ance :	0		
Standard De	-	: NC		Acceptance Cr		5-125		
Standard De Standard De Method : SW6010	viation - Metals							
Standard De Method : SW6010 Spiked Analyte : Silver	viation - Metals		EMJA6141005100004				mg/kg	88.
Standard De Method : SW6010 Spiked Analyte : Silver Type of Spike : Labora	viation  - Metals tory Control		EMJA6141005100004 EMJA6141005100004	Acceptance Cr	riteria 7	5-125	mg/kg mg/kg	88. 90.
Standard De Method : SW6010 Spiked Analyte : Silver Type of Spike : Labora 10/05/94	- Metals tory Control 218M946638			Acceptance Cr	riteria 7	5-125 81.3		90.
Standard De Method : SW6010 Spiked Analyte : Silver Type of Spike : Labora 10/05/94 10/05/94	- Metals tory Control 218M946638 218M946655		EMJA6141005100004	Acceptance Cr NA NA	92.5 92.5	81.3 83.2	mg/kg	90. 88.
Standard De Method : SW6010 Spiked Analyte : Silver Type of Spike : Labora 10/05/94 10/05/94 10/05/94	- Metals tory Control 218M946638 218M946665 218MD946638 218MD946665		EMJA6141005100004 EMJA6141005100004	Acceptance Cr NA NA NA	92.5 92.5 92.5 92.5 92.5	81.3 83.2 81.8	mg/kg mg/kg	
Method: SW6010 Spiked Analyte: Silver Type of Spike: Labora 10/05/94 10/05/94 10/05/94	- Metals tory Control     218M946638     218M946665     218MD946665 amples	: NC	EMJA6141005100004 EMJA6141005100004	NA NA NA NA NA	92.5 92.5 92.5 92.5 92.5 92.5	81.3 83.2 81.8 83.1	mg/kg mg/kg	90. 88.

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW601 piked Analyte : Silve								
Type of Spike : Matri:	x Spike							
10/05/94	G94-P0-SS-0	1	EMJA6141005100004	-0.599	91.5	74.1	mg/kg	82
10/05/94	G94-P0-SS-0	1	EMJA6141005100004	-0.599	96.6	78.5	mg/kg	82
Number of :	 Samples	: 2		Below accepta	ance :	0		
Mean % Reco	=	: 82.0		Above accepta	ance :	0		
Standard De	eviation	: NC		Acceptance Ci	riteria 7	75-125		
Method : SW601(	O - Metals							
oiked Analyte : Sodium	n		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA NA	594 594 594 594	593 580 607 582	mg/kg mg/kg mg/kg mg/kg	1 98 1 98
10/05/94 10/05/94 10/05/94 10/05/94 10/05/94 Number of S	natory Control 218M946638 218M946665 218MD946638 218MD946665	· 4	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA	594 594 594	580 607	mg/kg mg/kg	98 1
Diked Analyte : Sodium Type of Spike : Labora 10/05/94 10/05/94 10/05/94	218M946638 218M946665 218MD946665 218MD946665 218MD946665	: 4 : 99.5 : 1.91	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA	594 594 594 	580 607 582	mg/kg mg/kg	98 1
Diked Analyte : Sodium Type of Spike : Labora  10/05/94  10/05/94  10/05/94  10/05/94  Number of S  Mean % Reco Standard De	218M946638 218M946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665	: 99.5	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta	594 594 594 	580 607 582 0	mg/kg mg/kg	98 1
Diked Analyte : Sodium Type of Spike : Labora  10/05/94  10/05/94  10/05/94  Number of S  Mean % Reco	218M946638 218M946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665 218MD946665	: 99.5 : 1.91	EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA Below accepta Above accepta	594 594 594 	580 607 582 0	mg/kg mg/kg	98 1

Below acceptance :

Above acceptance :

Acceptance Criteria 75-125

0

: 2

: NC

.: 92.5

Number of Samples

Standard Deviation

Mean % Recovery

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW6010								
piked Analyte : Thalli Type of Spike : Labora								
10/05/94	218M946638		EMJA6141005100004	NA	85.0	82.6	mg/kg	97
10/05/94	218M946665		EMJA6141005100004	NA	85.0	85.5	mg/kg	1
10/05/94	218MD946638		EMJA6141005100004	NA NA	85.0	83.1	mg/kg	98
10/05/94	218MD946665		EMJA6141005100004	NA 	85.0 	80.3 	mg/kg	94 
Number of S	amples	: 4		Below accepta	ance :	0		
Mean % Reco	very	: 97.5		Above accepta		0		
Standard De	viation	: 2.89		Acceptance Co	riteria 8	30-120		
•	um							
	um		EMJA6141005100004 EMJA6141005100004	-7.61	91.5 96.6	67.1 62.3	mg/kg mg/kg	82 72
Spiked Analyte : Thalli Type of Spike : Matrix 10/05/94 10/05/94 Number of S	um Spike G94-P0-SS-01 G94-P0-SS-01	: 2	EMJA6141005100004	-7.61 Below accepta	96.6 	62.3		
Spiked Analyte : Thalli Type of Spike : Matrix 10/05/94 10/05/94	um		EMJA6141005100004	-7.61	96.6  ance : ance :	62.3 		
Spiked Analyte : Thalli Type of Spike : Matrix  10/05/94  10/05/94  Number of S Mean % Reco	um	: 2 : 77.0	EMJA6141005100004	-7.61 Below accepta	96.6  ance : ance :	62.3 1 0		
Spiked Analyte : Thalli Type of Spike : Matrix  10/05/94  10/05/94  Number of S  Mean % Reco Standard De	um  G94-P0-SS-01  G94-P0-SS-01  amples very viation	: 2 : 77.0	EMJA6141005100004	-7.61 Below accepta	96.6  ance : ance :	62.3 1 0		
Spiked Analyte : Thalli Type of Spike : Matrix  10/05/94  10/05/94  Number of S  Mean % Reco Standard De  Method : SW6010 Spiked Analyte : Vanadi	um  G94-P0-SS-01  G94-P0-SS-01  amples very viation  - Metals um	: 2 : 77.0	EMJA6141005100004	-7.61 Below accepta	96.6  ance : ance :	62.3 1 0		
Spiked Analyte : Thalli Type of Spike : Matrix  10/05/94  10/05/94  Number of S  Mean % Reco Standard De	um  G94-P0-SS-01  G94-P0-SS-01  amples very viation  - Metals um	: 2 : 77.0	EMJA6141005100004	-7.61 Below accepta	96.6  ance : ance :	62.3 1 0	mg/kg	72 <del>-</del>
Spiked Analyte : Thalli Type of Spike : Matrix  10/05/94  10/05/94  Number of S  Mean % Reco Standard De  Method : SW6010 Spiked Analyte : Vanadi Type of Spike : Labora	um  G94-P0-SS-01  G94-P0-SS-01  amples very viation  - Metals um tory Control	: 2 : 77.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-7.61 Below accepta Above accepta Acceptance Co	96.6	62.3 1 0 75-125 79.8 80.0	mg/kg  mg/kg mg/kg	72 
Piked Analyte : Thalli Type of Spike : Matrix  10/05/94 10/05/94  Number of S Mean % Reco Standard De  Method : SW6010 Piked Analyte : Vanadi Type of Spike : Labora  10/05/94 10/05/94 10/05/94	um  G94-P0-SS-01  G94-P0-SS-01   amples very viation  - Metals um tory Control  218M946638 218M946665 218MD946638	: 2 : 77.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-7.61 Below accepta Above accepta Acceptance Co	96.6  ance : ance : riteria 7	62.3 1 0 75–125 79.8 80.0 79.7	mg/kg mg/kg mg/kg mg/kg	72  98 98 97
Spiked Analyte : Thalli Type of Spike : Matrix  10/05/94  10/05/94  Number of S Mean % Reco Standard De  Method : SW6010 Spiked Analyte : Vanadi Type of Spike : Labora  10/05/94  10/05/94	um  G94-P0-SS-01  G94-P0-SS-01   amples very viation  - Metals um tory Control  218M946638 218M946665	: 2 : 77.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-7.61 Below accepta Above accepta Acceptance Co	96.6	62.3 1 0 75-125 79.8 80.0	mg/kg  mg/kg mg/kg	72  98 98 97
Application of Spike in Matrix  10/05/94  10/05/94  10/05/94  Number of Signature in Standard De  Method : SW6010  Spiked Analyte : Vanadi Type of Spike : Labora  10/05/94  10/05/94  10/05/94	um  G94-P0-SS-01  G94-P0-SS-01  amples very viation  - Metals um tory Control  218M946638 218M946665 218MD946638 218MD946665	: 2 : 77.0	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-7.61 Below accepta Above accepta Acceptance Co	96.6  ance: riteria  81.8  81.8  81.8  81.8	62.3 1 0 75–125 79.8 80.0 79.7	mg/kg mg/kg mg/kg mg/kg	72 
Spiked Analyte : Thalli Type of Spike : Matrix  10/05/94 10/05/94  Number of S Mean % Reco Standard De  Method : SW6010 Spiked Analyte : Vanadi Type of Spike : Labora  10/05/94 10/05/94 10/05/94	um  G94-P0-SS-01  G94-P0-SS-01  G94-P0-SS-01  amples very viation  - Metals um tory Control  218M946638 218M946665 218MD946638 218MD946665  amples	: 2 : 77.0 : NC	EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004  EMJA6141005100004	-7.61  Below accepts Above accepts Acceptance Co	96.6	62.3 1 0 75–125 79.8 80.0 79.7 80.2	mg/kg mg/kg mg/kg mg/kg	72  98 98 97

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Spiked Ar	Method : SW6010 nalyte : Vanadi Spike : Matrix	um							
	10/05/94 10/05/94	G94-P0-SS-01 G94-P0-SS-01		EMJA6141005100004		96.6 91.5	120 116	mg/kg mg/kg	86. 87.
	Number of S Mean % Reco Standard De	very	: 2 : 86.5 : NC		Below accepta Above accepta Acceptance Cr	ince :	0 0 75–125		
piked An	Method : SW6010 Malyte : Zinc Spike : Labora								
	10/05/94 10/05/94 10/05/94	218M946638 218M946665 218MD946638		EMJA6141005100004 EMJA6141005100004 EMJA6141005100004	NA NA NA	111 111 111	105 106 105	mg/kg mg/kg mg/kg	95. 95. 95.
	10/05/94	218MD946665		EMJA6141005100004	NA 	111	106	mg/kg	96
	Number of Sa Mean % Reco Standard De	very	: 4 : 95.3 : 0.500		Below accepta Above accepta Acceptance Cr	nce :	0 0 0-120		
iked An	ethod : SW6010 alyte : Zinc Spike : Matrix								
	10/05/94 10/05/94	G94-P0-SS-01 G94-P0-SS-01		EMJA6141005100004 EMJA6141005100004	53.2 53.2	91.5 96.6	125 131	mg/kg mg/kg	78. 80.
	Number of Sa Mean % Recov Standard Dev	umples very	: 2 : 79.0 : NC		Below acceptar Above acceptar Acceptance Cri	nce :	0 0 5–125		

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte: 4,4'-DDT

Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	40.4	ug/kg	81.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	44.7	ug/kg	89.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	41.0	ug/kg	82.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	45.1	ug/kg	90.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	47.4	ug/kg	95.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	45.2	ug/kg	90.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	45.1	ug/kg	90.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	45.3	ug/kg	91.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	40.8	ug/kg	82.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	40.7	ug/kg	81.0

Number of Samples : 10 Mean % Recovery : 87.1 : NC Standard Deviation

Below acceptance : Above acceptance : Acceptance Criteria 25-160

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte: 4,4'-DDT Type of Spike : Matrix Spike

10/13/94	G94-DD-SS-01	CHGC6A41012120001	886	54.1	1030	ug/kg	265
10/13/94	G94-DD-SS-01	CHGC6A41012120001	886	54.0	1030	ug/kg	267
10/13/94	G94-P0-SS-01	CHGC6A41012120001	18.3	60.8	138	ug/kg	196
10/13/94	G94-P0-SS-01	CHGC6A41012120001	18.3	60.7	118	ug/kg	165
10/23/94	G94-MB-SS-21	CHGC6A41023120001	861	57.9	769	ug/kg	-159
10/23/94	G94-MB-SS-21	CHGC6A41023120001	861	57.5	828	ug/kg	-56.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	33.4	54.3	73.0	ug/kg	73.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	33.4	54.1	68.0	ug/kg	64.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	30.2	54.3	69.7	ug/kg	73.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	30.2	54.1	64.3	ug/kg	63.0

: 10 Number of Samples Mean % Recovery : 95.1 Standard Deviation : NC

Below acceptance : Above acceptance : 4 Acceptance Criteria 25-160

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
						****	
Method : SW8080	- Organochlorine Pes	ticides and PCBs					
piked Analyte : Aldrin							
Type of Spike : Labora	tory Control						
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	20.3	ug/kg	81.
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	22.1	ug/kg	88.
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	20.6	ug/kg	83.
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	21.4	ug/kg	86.
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	23.1	ug/kg	92.
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	22.2	ug/kg	89.
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	23.1	ug/kg	92.
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	22.7	ug/kg	91.
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	23.3	ug/kg	93
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	22.8	ug/kg	91

Number of Samples

: 10

Below acceptance : Above acceptance :

0

Mean % Recovery Standard Deviation : NC

: 88.6

Acceptance Criteria 42-122

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Aldrin

Type of Spike : Matrix Spike

10/13/94	G94-DD-SS-01	CHGC6A41012120001	11.9	21.6	30.0	ug/kg	84.0
10/13/94	G94-DD-SS-01	CHGC6A41012120001	11.9	21.6	29.7	ug/kg	83.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	0.592	24.3	24.6	ug/kg	99.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	0.592	24.3	24.1	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	11.2	23.1	27.4	ug/kg	70.0
10/23/94	G94-MB-SS-21	CHGC6Å41023120001	11.2	23.0	29.1	ug/kg	78.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	2.98	21.7	17.7	ug/kg	68. <b>0</b>
10/24/94	G94-MB-SS-01	CHGC6A41023120003	2.98	21.6	21.1	ug/kg	84.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.6	24.4	ug/kg	113
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.7	20.5	ug/kg	94.0

Number of Samples

: 10 : 87.0 : NC

Below acceptance :

0

Mean % Recovery

Above acceptance : 0

Standard Deviation

Acceptance Criteria 42-122

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dieldrin

Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	40.6	ug/kg	81.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	45.8	ug/kg	92.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	40.8	ug/kg	82.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	45.4	ug/kg	91.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	45.4	ug/kg	91.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	43.6	ug/kg	87.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	45.4	ug/kg	91.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	44.8	ug/kg	90.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	45.5	ug/kg	91.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	44.6	ug/kg	89.0

Number of Samples : 10 Below at Mean % Recovery : 88.5 Above at Standard Deviation : NC Acceptage

Below acceptance : 0
Above acceptance : 0
Acceptance Criteria 36-146

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dieldrin
Type of Spike : Matrix Spike

10/13/94	G94-DD-SS-01	CHGC6A41012120001	2790	54.1	2960	ug/kg	320
10/13/94	G94-DD-SS-01	CHGC6A41012120001	2790	54.0	2910	ug/kg	221
10/13/94	G94-P0-SS-01	CHGC6A41012120001	1.27	60.8	57.4	ug/kg	92.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	1.27	60.7	57.2	ug/kg	92.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	26.5	57.5	62.2	ug/kg	62.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	26.5	57.9	65.3	ug/kg	67.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	7.33	54.3	46.9	ug/kg	73.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	7.33	54.1	45.0	ug/kg	70.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	10.3	54.3	49.5	ug/kg	72.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	10.3	54.1	49.8	ug/kg	73.0

Number of Samples : 10
Mean % Recovery : 114
Standard Deviation : NC

Below acceptance : 0
Above acceptance : 2
Acceptance Criteria 36-146

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8080	- Organochlorine Pes	ticides and PCBs					
Spiked Analyte : Endosu	lfan II						
Type of Spike : Labora	tory Control						
10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	38.6	ug/kg	77.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	43.8	ug/kg	88.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	38.4	ug/kg	77.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	43.3	ug/kg	87.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	46.0	ug/kg	92.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	44.6	ug/kg	89.0

NA

NA

NA

Below acceptance :

50.0

50.0

50.0

46.6

46.3

46.8

ug/kg

ug/kg

ug/kg

93.0

93.0

94.0

92.0

10/29/94 CHGC6A41029120001 NA 50.0 46.0 ug/kg LCSD946785 Number of Samples : 10

CHGC6A41023120003

CHGC6A41023120003

CHGC6A41029120001

Mean % Recovery : 88.2 Above acceptance : Standard Deviation : NC Acceptance Criteria D-202

Method : SW8080 - Organochlorine Pesticides and PCBs

LCS946785

LCSD946785

LCS946785

Spiked Analyte : Endrin

10/24/94

10/24/94

10/29/94

Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	39.6	ug/kg	79.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	43.9	ug/kg	88.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	39.7	ug/kg	79.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	43.6	ug/kg	87.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	44.9	ug/kg	90.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	35.4	ug/kg	71.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	37.4	ug/kg	75.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	31.9	ug/kg	64.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	36.8	ug/kg	74.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	31.2	ug/kg	62.0

Number of Samples : 10 Below acceptance : : 76.9 Mean % Recovery Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 30-147

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
·							

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Endrin

Type of Spike : Matrix Spike

10/13/94	G94-DD-SS-01	CHGC6A41012120001	211	54.1	275	ug/kg	119
10/13/94	G94-DD-SS-01	CHGC6A41012120001	211	54.0	274	ug/kg	118
10/13/94	G94-P0-SS-01	CHGC6A41012120001	ND	60.8	60.2	ug/kg	99.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	ND	60.7	59.8	ug/kg	98.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	57.9	45.2	ug/kg	78.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	57.5	50.9	ug/kg	89.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	0.911	54.3	42.4	ug/kg	76.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	0.911	54.1	40.8	ug/kg	74.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	54.3	42.1	ug/kg	77.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	54.1	42.3	ug/kg	78.0

Number of Samples : 10 Below acceptance : : 90.6 Above acceptance : 0 Mean % Recovery Standard Deviation : NC Acceptance Criteria 30-147

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Endrin Aldehyde Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	0.529 (J)	ug/kg	1.10
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	1.07	ug/kg	2.10
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	ND	ug/kg	DO
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	1.37	ug/kg	2.70
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	0.122 (J)	ug/kg	0.200
10/23/94	LCSD946787	CHGC6A41023120001	NA	50.0	2.87	ug/kg	5.70
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	3.04	ug/kg	6.10
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	12.2	ug/kg	24.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	3.12	ug/kg	6.20
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	12.3	ug/kg	25.0

Number of Samples : 10 Below acceptance : Mean % Recovery : 8.12 Above acceptance : Standard Deviation : NC Acceptance Criteria

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

	DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
	ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
	Method : SW8080	- Organochlorine Pes	ticides and PCBs					
Spiked	Analyte : Heptac	hlor						
Туре о	f Spike : Labora	tory Control						
	10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	19.6	ug/kg	79.0
	10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	21.7	ug/kg	87.0
	10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	20.2	ug/kg	81.0
	10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	22.0	ug/kg	88.0
	10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	24.0	ug/kg	96.0
	10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	23.0	ug/kg	92.0
	10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	24.0	ug/kg	96.0

CHGC6A41023120003

CHGC6A41029120001

CHGC6A41029120001

Number of Samples

: 10

Below acceptance :

NA

NA

0

23.7

24.2

23.7

ug/kg

ug/kg

ug/kg

95.0

97.0

95.0

25.0

25.0

25.0

Mean % Recovery

: 90.6

Above acceptance :

0

Standard Deviation

: NC

Acceptance Criteria 34-120

Method : SW8080 - Organochlorine Pesticides and PCBs

LCSD946785

LCS946785

LCSD946785

Spiked Analyte : Heptachlor Type of Spike : Matrix Spike

10/24/94

10/29/94

10/29/94

10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	11.4 (J)	ug/kg	53.0
10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	12.0	ug/kg	56.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	ND	24.3	23.4	ug/kg	96.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	ND	24.3	23.5	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.1	9.43 (J)	ug/kg	41.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.0	12.2 (J)	ug/kg	53.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.6	15.4	ug/kg	71.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.7	16.6	ug/kg	76.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.6	14.4	ug/kg	66.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.7	14.6	ug/kg	67.0

Number of Samples

: 10

Below acceptance :

Mean % Recovery

: 67.6

Above acceptance :

0

Standard Deviation

: NC

Acceptance Criteria 34-120

ANALYZ	ED SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : Heptachlor epoxide Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	22.9	ug/kg	92.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	25.2	ug/kg	101
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	23.1	ug/kg	92.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	24.9	ug/kg	100
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	24.6	ug/kg	99.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	24.6	ug/kg	98.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	24.2	ug/kg	97.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	23.9	ug/kg	95.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	24.6	ug/kg	98.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	24.0	ug/kg	96.0

Number of Samples : 10 Below acceptance : Mean % Recovery : 96.8 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 37-142

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Mirex

Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	50.0	46.4	ug/kg	93.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	50.0	47.5	ug/kg	95.0
10/14/94	LCS946618	CHGC6A41012120002	NA	50.0	44.9	ug/kg	90.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	50.0	46.5	ug/kg	93.0
10/23/94	LCS946787	CHGC6A41023120001	NA	50.0	45.6	ug/kg	91.0
10/23/94	LCSD946787	. CHGC6A41023120001	NA	50.0	43.6	ug/kg	87.0
10/24/94	LCS946785	CHGC6A41023120003	NA	50.0	45.8	ug/kg	92.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	50.0	45.0	ug/kg	90.0
10/29/94	LCS946785	CHGC6A41029120001	NA	50.0	45.0	ug/kg	90.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	50.0	43.9	ug/kg	88.0

Number of Samples Below acceptance : Mean % Recovery : 90.9 Above acceptance : Standard Deviation : NC Acceptance Criteria NS

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE
DATE	CAMPIE ID	DATOU ID	ORIG.	AMOUNT	AMOUNT	RESULT	% DECOVER <u>***</u>

Spiked Analyte: PCB-1016

Type of Spike : Laboratory Control

	·						
10/12/94	LCS946619	CHGC6A41012120001	NA	250	322	ug/kg	129
10/12/94	LCSD946619	CHGC6A41012120001	NA	250	206	ug/kg	82.0
10/14/94	LCS946619	CHGC6A41012120002	NA	250	305	ug/kg	122
10/14/94	LCSD946619	CHGC6A41012120002	NA	250	205	ug/kg	82.0
10/23/94	LCS946788	CHGC6A41023120001	NA	250	228	ug/kg	91.0
10/23/94	LCSD946788	CHGC6A41023120001	NA	250	224	ug/kg	90.0
10/24/94	LCS946786	CHGC6A41023120003	NA	250	221	ug/kg	88.0
10/24/94	LCSD946786	CHGC6A41023120003	NA	250	226	ug/kg	90.0
10/29/94	LCS946786	CHGC6A41029120001	NA	250	219	ug/kg	87.0
10/29/94	LCSD946786	CHGC6A41029120001	NA	250	226	ug/kg	90.0

Number of Samples

: 10

Below acceptance :

0 2

Mean % Recovery Standard Deviation

: 95.1 : NC

Above acceptance : Acceptance Criteria 50-120

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte: PCB-1260

Type of Spike : Laboratory Control

1	.0/12/94	LCS946619	CHGC6A41012120001	NA	250	214	ug/kg	85.0
1	.0/12/94	LCSD946619	CHGC6A41012120001	NA	250	215	ug/kg	86.0
1	.0/14/94	LCS946619	CHGC6A41012120002	NA	250	214	ug/kg	86.0
1	.0/14/94	LCSD946619	CHGC6A41012120002	NA	250	216	ug/kg	86.0
1	.0/23/94	LCS946788	CHGC6A41023120001	NA	250	220	ug/kg	88.0
1	.0/23/94	LCSD946788	CHGC6A41023120001	NA	250	212	ug/kg	85.0
1	.0/24/94	LCS946786	CHGC6A41023120003	NA	250	211	ug/kg	84.0
1	.0/24/94	LCSD946786	CHGC6A41023120003	NA	250	215	ug/kg	86.0
1	0/29/94	LCS946786	CHGC6A41029120001	NA	250	207	ug/kg	83.0
1	0/29/94	LCSD946786	CHGC6A41029120001	NA	250	214	ug/kg	85.0

Number of Samples

: 10

Below acceptance :

Mean % Recovery

: 85.4 : NC

Above acceptance :

0

Standard Deviation

Acceptance Criteria

8-127

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	- Organochlorine Pes	ticides and PCBs					
ked Analyte : alpha-							
ype of Spike : Labora	tory Control						
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	19.8	ug/kg	79.
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	22.1	ug/kg	88.
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	20.3	ug/kg	81.
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	22.1	ug/kg	88.
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	21.9	ug/kg	87.
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	21.2	ug/kg	85.
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	22.0	ug/kg	88.
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	21.8	ug/kg	87.
				05.0	00 1		00
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	22.1	ug/kg	88.

: 10 Number of Samples Mean % Recovery : 85.8 Standard Deviation : NC

0 Below acceptance : 0 Above acceptance : Acceptance Criteria 37-134

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : alpha-Chlordane Type of Spike : Laboratory Control

LCS946618	CHGC6A41012120001	NA	25.0	20.5	ug/kg	82.0
LCSD946618	CHGC6A41012120001	NA	25.0	23.1	ug/kg	92.0
LCS946618	CHGC6A41012120002	NA	25.0	20.6	ug/kg	82.0
LCSD946618	CHGC6A41012120002	NA	25.0	22.9	ug/kg	91.0
LCS946787	CHGC6A41023120001	NA	25.0	24.5	ug/kg	98.0
LCSD946787	CHGC6A41023120001	NA	25.0	23.4	ug/kg	94.0
LCS946785	CHGC6A41023120003	NA	25.0	24.4	ug/kg	98.0
LCSD946785	CHGC6A41023120003	NA	25.0	24.1	ug/kg	96.0
LCS946785	CHGC6A41029120001	NA	25.0	24.6	ug/kg	98.0
LCSD946785	CHGC6A41029120001	NA ,	25.0	24.0	ug/kg	96.0
	LCSD946618 LCSD946618 LCSD946618 LCS946787 LCSD946785 LCSD946785 LCSD946785	LCSD946618 CHGC6A41012120001 LCS946618 CHGC6A41012120002 LCSD946618 CHGC6A41012120002 LCS946787 CHGC6A41023120001 LCSD946787 CHGC6A41023120001 LCS946785 CHGC6A41023120003 LCSD946785 CHGC6A41023120003 LCS946785 CHGC6A41023120003	LCSD946618 CHGC6A41012120001 NA LCS946618 CHGC6A41012120002 NA LCSD946618 CHGC6A41012120002 NA LCS946787 CHGC6A41023120001 NA LCSD946787 CHGC6A41023120001 NA LCSD946785 CHGC6A41023120003 NA LCSD946785 CHGC6A41023120003 NA LCS946785 CHGC6A41023120003 NA	LCSD946618         CHGC6A41012120001         NA         25.0           LCS946618         CHGC6A41012120002         NA         25.0           LCSD946618         CHGC6A41012120002         NA         25.0           LCS946787         CHGC6A41023120001         NA         25.0           LCSD946787         CHGC6A41023120001         NA         25.0           LCS946785         CHGC6A41023120003         NA         25.0           LCSD946785         CHGC6A41023120003         NA         25.0           LCS946785         CHGC6A41029120001         NA         25.0	LCSD946618         CHGC6A41012120001         NA         25.0         23.1           LCS946618         CHGC6A41012120002         NA         25.0         20.6           LCSD946618         CHGC6A41012120002         NA         25.0         22.9           LCS946787         CHGC6A41023120001         NA         25.0         24.5           LCSD946787         CHGC6A41023120001         NA         25.0         23.4           LCS946785         CHGC6A41023120003         NA         25.0         24.4           LCSD946785         CHGC6A41023120003         NA         25.0         24.1           LCS946785         CHGC6A41029120001         NA         25.0         24.1	LCSD946618         CHGC6A41012120001         NA         25.0         23.1         ug/kg           LCS946618         CHGC6A41012120002         NA         25.0         20.6         ug/kg           LCSD946618         CHGC6A41012120002         NA         25.0         22.9         ug/kg           LCS946787         CHGC6A41023120001         NA         25.0         24.5         ug/kg           LCSD946787         CHGC6A41023120001         NA         25.0         23.4         ug/kg           LCS946785         CHGC6A41023120003         NA         25.0         24.4         ug/kg           LCS946785         CHGC6A41023120003         NA         25.0         24.1         ug/kg           LCS946785         CHGC6A41029120001         NA         25.0         24.6         ug/kg

Number of Samples : 10 : 92.7 : NC Mean % Recovery Standard Deviation

Below acceptance : Above acceptance : Acceptance Criteria

NS = Not Specified ND = Not Detected NC = Not Calculable Date Compiled: 22 March 1995

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
<b></b>							
Method : SW8080 Spiked Analyte : delta Type of Spike : Labora		ticides and PCBs					
10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	18.7	ug/kg	75.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	19.0	ug/kg	76.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	19.2	ug/kg	77.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	19.2	ug/kg	77.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	20.4	ug/kg	82.0

10/29/94 LCS946785 CHGC6A41029120001 NA 25.0 20.8 ug/kg 83.0 10/29/94 LCSD946785 CHGC6A41029120001 NA 25.0 20.2 ug/kg 81.0

CHGC6A41023120001

CHGC6A41023120003

CHGC6A41023120003

NA

NA

NA

25.0

25.0

25.0

19.8

21.1

20.8

ug/kg

ug/kg

ug/kg

79.0

84.0

83.0

Number of Samples Below acceptance : 0 Mean % Recovery : 79.7 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 19-140

: 10

Method : SW8080 - Organochlorine Pesticides and PCBs

LCSD946787

LCS946785

LCSD946785

Spiked Analyte : gamma-BHC

10/23/94

10/24/94

10/24/94

Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	21.2	ug/kg	85.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	26.1	ug/kg	104
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	21.4	ug/kg	86.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	26.2	ug/kg	105
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	24.7	ug/kg	99.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	25.0	23.8	ug/kg	95.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	24.8	ug/kg	99.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	24.5	ug/kg	98.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	24.9	ug/kg	100
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	24.5	ug/kg	98.0

Number of Samples : 10 Below acceptance : Mean % Recovery : 96.9 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 32-127

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not SpecifiedNR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY

Spiked Analyte : gamma-BHC Type of Spike : Matrix Spike

10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	28.4	ug/kg	131
10/13/94	G94-DD-SS-01	CHGC6A41012120001	ND	21.6	28.3	ug/kg	131
10/13/94	G94-P0-SS-01	CHGC6A41012120001	ND	24.3	23.8	ug/kg	98.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	ND	24.3	23.5	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.0	30.5	ug/kg	132
10/23/94	G94-MB-SS-21	CHGC6A41023120001	ND	23.1	28.2	ug/kg	122
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.6	18.0	ug/kg	83.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	ND	21.7	19.1	ug/kg	88.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.7	21.9	ug/kg	101
10/29/94	G94-MB-SS-01	CHGC6A41029120001	ND	21.6	21.7	ug/kg	100

Number of Samples: 10Below acceptance : 0Mean % Recovery: 108Above acceptance : 3Standard Deviation: NCAcceptance Criteria 32-127

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : gamma-Chlordane
Type of Spike : Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	25.0	19.1	ug/kg	76. <b>0</b>
10/12/94	LCSD946618	CHGC6A41012120001	NA	25.0	21.6	uġ/kg	86.0
10/14/94	LCS946618	CHGC6A41012120002	NA	25.0	19.1	ug/kg	77.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	25.0	21.4	ug/kg	85.0
10/23/94	LCS946787	CHGC6A41023120001	NA	25.0	22.8	ug/kg	91.0
10/23/94	LCSD946787	CHGC6A41023120001	NΑ	25.0	21.9	ug/kg	88.0
10/24/94	LCS946785	CHGC6A41023120003	NA	25.0	22.9	ug/kg	91.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	25.0	22.5	ug/kg	90.0
10/29/94	LCS946785	CHGC6A41029120001	NA	25.0	23.0	ug/kg	92.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	25.0	22.5	ug/kg	90.0

Number of Samples : 10 Below acceptance : Mean % Recovery : 86.6 Above acceptance : Standard Deviation : NC Acceptance Criteria

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
	*						
	) - Organochlorine Pes						
•	6-Tetrachloro-m-xylen						
ype of Spike : Surrog	gate - Laboratory Cont	rol					
10/12/94	LCS946618	CHGC6A41012120001	NA	100	81.2	ug/kg	81.
10/12/94	LCS946619	CHGC6A41012120001	NA	100	81.0	ug/kg	81.
10/12/94	LCSD946618	CHGC6A41012120001	NA	100	85.7	ug/kg	86.
10/12/94	LCSD946619	CHGC6A41012120001	NA	100	76.5	ug/kg	76
10/14/94	LCS946618	CHGC6A41012120002	NA	100	80.4	ug/kg	80.
10/14/94	LCS946619	CHGC6A41012120002	NA	100	80.7	ug/kg	81.
10/14/94	LCSD946618	CHGC6A41012120002	NA	100	83.7	ug/kg	84.
10/14/94	LCSD946619	CHGC6A41012120002	NA	100	76.0	ug/kg	76
10/23/94	LCS946787	CHGC6A41023120001	NA	100	95.6	ug/kg	96
10/23/94	LCS946788	CHGC6A41023120001	NA	100	87.8	ug/kg	88
10/23/94	LCSD946787	CHGC6A41023120001	NA	100	88.7	ug/kg	89
10/23/94	LCSD946788	CHGC6A41023120001	NA	100	87.8	ug/kg	88
10/24/94	LCS946785	CHGC6A41023120003	NA	100	95.8	ug/kg	96
10/24/94	LCS946786	CHGC6A41023120003	NA	100	87.4	ug/kg	87.
10/24/94	LCSD946785	CHGC6A41023120003	NA	100	90.9	ug/kg	91
10/24/94	LCSD946786	CHGC6A41023120003	NA	100	88.8	ug/kg	89.
10/29/94	LCS946785	CHGC6A41029120001	NA	100	95.7	ug/kg	96.
10/29/94	LCS946786	CHGC6A41029120001	NA	100	86.2	ug/kg	86
10/29/94	LCSD946785	CHGC6A41029120001	NA	100	90.0	ug/kg	90.
10/29/94	LCSD946786	CHGC6A41029120001	NA	100	88.6	ua/ka	89.

Number of Samples : 20 Mean % Recovery : 86.5 Standard Deviation : 6.01

Below acceptance : 0 Above acceptance : 0

Acceptance Criteria 20-150

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Matrix Spike

10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	94.8	ug/kg	88.0
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	89.6	ug/kg	83.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	NA	121	114	ug/kg	94.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	NA	122	117	ug/kg	97.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	116	90.0	ug/kg	78.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	115	107	ug/kg	93.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	109	104	ug/kg	95.0

	SAMEL ID	DATON 10					RECOVER
ANALYZED	SAMPLE ID	BATCH ID	RESULT		RECOVERED	UNIT	RECOVERY
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene
Type of Spike : Surrogate - Matrix Spike, cont.

10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	108	97.1	ug/kg	90.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	109	104	ug/kg	96.0
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	108	102	ug/kg	94.0

Number of Samples : 10 Below acceptance : 0
Mean % Recovery : 90.8 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 20-150

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Method Blank

10/12/94	BLK944272 B	CHGC6A41012120001	NA	100	83.0	ug/kg	83.0
10/14/94	BLK944272	CHGC6A41012120002	NA	100	81.4	ug/kg	81.0
10/23/94	BLK944378	CHGC6A41023120001	NA	100	91.3	ug/kg	91.0
10/24/94	BLK944377	CHGC6A41023120003	NA	100	90.3	ug/kg	90.0
10/29/94	BLK944377	CHGC6A41029120001	NA	100	91.4	ug/kg	91.0

Number of Samples : 5 Below acceptance : 0
Mean % Recovery : 87.2 Above acceptance : 0
Standard Deviation : 4.82 Acceptance Criteria 20-150

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Normal Sample

10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	90.5	ug/kg	84.0
10/13/94	G94-DD-SS-02	CHGC6A41012120001	NA	109	93.8	ug/kg	86.0
10/13/94	G94-DD-SS-03	CHGC6A41012120001	NA	113	91.6	ug/kg	81.0
10/13/94	G94-DD-SS-04	CHGC6A41012120001	NA	104	97.1	ug/kg	93.0
10/13/94	G94-DD-SS-05	CHGC6A41012120001	NA	108	96.6	ug/kg	89.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	NA	121	111	ug/kg	92.0
10/13/94	G94-P0-SS-02	CHGC6A41012120001	NA	115	108	ug/kg	93.0

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE

Spiked Analyte : 2,4,5,6-Tetrachloro-m-xylene Type of Spike : Surrogate - Normal Sample, cont.

10	/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	114	104	ug/kg	91.0
10	/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	109	101	ug/kg	93.0
10	/24/94	G94-MB-SS-02	CHGC6A41023120003	NA	109	100	ug/kg	92.0
10	/24/94	G94-MB-SS-03	CHGC6A41023120003	NA	110	34.3	ug/kg	31.0
10	/24/94	G94-MB-SS-04	CHGC6A41023120003	NA	112	105	ug/kg	94.0
10	/24/94	G94-MB-SS-05	CHGC6A41023120003	NA	103	94.2	ug/kg	92.0
10	/24/94	G94-MB-SS-06	CHGC6A41023120003	NA	142	53.7	ug/kg	38.0
10	/24/94	G94-MB-SS-07	CHGC6A41023120003	NA	125	123	ug/kg	98.0
10,	/24/94	G94-MB-SS-08	CHGC6A41023120003	NA	109	111	ug/kg	102
10,	/24/94	G94-MB-SS-09	CHGC6A41023120003	NA	106	97.2	ug/kg	92.0
10,	/24/94	G94-MB-SS-10	CHGC6A41023120003	NA	108	ND	ug/kg DO	
10,	/24/94	G94-MB-SS-11	CHGC6A41023120003	NA	114	119	ug/kg	104
10,	/24/94	G94-MB-SS-22	CHGC6A41023120001	NA	119	118	ug/kg	99.0
10,	/24/94	G94-MB-SS-23	CHGC6A41023120001	NA	142	148	ug/kg	104
10,	/25/94	G94-MB-SS-15	CHGC6A41023120003	NA	178	161	ug/kg	90.0
10,	/25/94	G94-MB-SS-16	CHGC6A41023120003	NA	102	48.6	ug/kg	48.0
10,	/25/94	G94-MB-SS-17	CHGC6A41023120003	NA	105	68.7	ug/kg	65.0
10,	/25/94	G94-MB-SS-18	CHGC6A41023120003	NA	106	85.1	ug/kg	80
10,	/25/94	G94-MB-SS-19	CHGC6A41023120003	NA	116	45.3	ug/kg	39.
10,	/25/94	G94-MB-SS-20	CHGC6A41023120003	NA	105	35.1	ug/kg	34.0
10,	/30/94	G94-MB-SS-12	CHGC6A41029120001	NA	114	112	ug/kg	98.0
	/30/94	G94-MB-SS-13	CHGC6A41029120001	NA	114	116	ug/kg	101
10,	/30/94	G94-MB-SS-14	CHGC6A41029120001	NA	124	130	ug/kg	105

: 30 Number of Samples Mean % Recovery : 83.0 : 22.6 Standard Deviation

Below acceptance :

Above acceptance : 0 Acceptance Criteria 20-150

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Laboratory Control

10/12/94	LCS946618	CHGC6A41012120001	NA	100	86.5	ug/kg	86.0
10/12/94	LCS946619	CHGC6A41012120001	NA	100	84.5	ug/kg	84.0
10/12/94	LCSD946618	CHGC6A41012120001	NA	100	90.8	ug/kg	91.0
10/12/94	LCSD946619	CHGC6A41012120001	NA	100	86.2	ua/ka	86.0

ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY	
DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%	

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Laboratory Control, cont.

10/29/94	LCSD946786	CHGC6A41029120001	NA	100	90.2	ug/kg	90.0
10/29/94	LCSD946785	CHGC6A41029120001	NA	100	92.5	ug/kg	92.0
10/29/94	LCS946786	CHGC6A41029120001	NA	100	87.2	ug/kg	87.0
10/29/94	LCS946785	CHGC6A41029120001	NA	100	95.3	ug/kg	95.0
10/24/94	LCSD946786	CHGC6A41023120003	NA	100	91.3	ug/kg	91.0
10/24/94	LCSD946785	CHGC6A41023120003	NA	100	93.9	ug/kg	94.0
10/24/94	LCS946786	CHGC6A41023120003	NA	100	89.1	ug/kg	89.0
10/24/94	LCS946785	CHGC6A41023120003	NA	100	96.0	ug/kg	96.0
10/23/94	LCSD946788	CHGC6A41023120001	NA	100	90.5	ug/kg	90.0
10/23/94	LCSD946787	CHGC6A41023120001	NA	100	89.7	ug/kg	90.0
10/23/94	LCS946788	CHGC6A41023120001	NA	100	92.1	ug/kg	92.0
10/23/94	LCS946787	CHGC6A41023120001	NA	100	95.6	ug/kg	96.0
10/14/94	LCSD946619	CHGC6A41012120002	NA	100	87.8	ug/kg	88.0
10/14/94	LCSD946618	CHGC6A41012120002	NA	100	90.1	ug/kg	90.0
10/14/94	LCS946619	CHGC6A41012120002	NA	100	85.7	ug/kg	86.0
10/14/94	LCS946618	CHGC6A41012120002	NA	100	86.4	ug/kg	86.0

Number of Samples : 20 : 90.0 Mean % Recovery : 3.53 Standard Deviation

Below acceptance : 0 Above acceptance : Acceptance Criteria 20-150

Method : SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate Type of Spike : Surrogate - Matrix Spike

10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	123	ug/kg	114
10/13/94	G94-DD-SS-01	CHGC6A41012120001	NA	108	77.6	ug/kg	72.0
10/13/94	G94-P0-SS-01	CHGC6A41012120001	NA	121	125	ug/kg	103
10/13/94	G94-P0-SS-01	CHGC6A41012120001	NA	122	125	ug/kg	103
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	115	60.5	ug/kg	53.0
10/23/94	G94-MB-SS-21	CHGC6A41023120001	NA	116	45.0	ug/kg	39.0
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	108	122	ug/kg	113
10/24/94	G94-MB-SS-01	CHGC6A41023120003	NA	109	168	ug/kg	154
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	109	160	ug/kg	147
10/29/94	G94-MB-SS-01	CHGC6A41029120001	NA	108	94.5	ug/kg	87.0

: 10 Number of Samples Mean % Recovery : 98.5

Below acceptance : 0 Above acceptance : 1 Acceptance Criteria 20-150

DO = Diluted Out

Standard Deviation : NC

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Method Blank

10/12/94	BLK944272 B	CHGC6A41012120001	NA	100	91.3	ug/kg	91.0
10/14/94	BLK944272	CHGC6A41012120002	NA	100	90.3	ug/kg	90.0
10/23/94	BLK944378	CHGC6A41023120001	NA	100	90.6	ug/kg	91.0
10/24/94	BLK944377	CHGC6A41023120003	NA	100	92.9	ug/kg	93.0
10/29/94	BLK944377	CHGC6A41029120001	NA	100	93.0	ug/kg	93.0

Number of Samples : 5 Below acceptance : 0 Mean % Recovery : 91.6 Above acceptance : 0 Standard Deviation : 1.34 Acceptance Criteria 20-150

Method: SW8080 - Organochlorine Pesticides and PCBs

Spiked Analyte : Dibutylchlorendate

Type of Spike : Surrogate - Normal Sample

G94-DD-SS-01	CHGC6A41012120001	NA	108	145	ug/kg	1
G94-DD-SS-02	CHGC6A41012120001	NA	109	56.4	ug/kg	52
G94-DD-SS-03	CHGC6A41012120001	NA	113	82.5	ug/kg	73.0
G94-DD-SS-04	CHGC6A41012120001	NA	104	75.4	ug/kg	72.0
G94-DD-SS-05	CHGC6A41012120001	NA	108	81.1	ug/kg	75.0
G94-P0-SS-01	CHGC6A41012120001	NA	121	124	ug/kg	102
G94-P0-SS-02	CHGC6A41012120001	NA	115	118	ug/kg	102
G94-MB-SS-21	CHGC6A41023120001	NA	114	49.2	ug/kg	43.0
G94-MB-SS-01	CHGC6A41023120003	NA	109	115	ug/kg	106
G94-MB-SS-02	CHGC6A41023120003	NA	109	93.2	ug/kg	86.0
G94-MB-SS-03	CHGC6A41023120003	NA	110	918	ug/kg	837
G94-MB-SS-04	CHGC6A41023120003	NA	112	82.1	ug/kg	74.0
G94-MB-SS-05	CHGC6A41023120003	NA	103	49.1	ug/kg	48.0
G94-MB-SS-06	CHGC6A41023120003	NA	142	ND	ug/kg	DO
G94-MB-SS-07	CHGC6A41023120003	NA	125	166	ug/kg	133
G94-MB-SS-08	CHGC6A41023120003	NA	109	92.9	ug/kg	85.0
G94-MB-SS-09	CHGC6A41023120003	NA	106	71.4	ug/kg	67.0
G94-MB-SS-10	CHGC6A41023120003	NA	108	ND	ug/kg	DO
G94-MB-SS-11	CHGC6A41023120003	NA	114	90.1	ug/kg	79.0
G94-MB-SS-22	CHGC6A41023120001	NA	119	83.8	ug/kg	70.0
G94-MB-SS-23	CHGC6A41023120001	NA	142	124	ug/kg	87.0
G94-MB-SS-15	CHGC6A41023120003	NA	178	249	ug/kg	140
	G94-DD-SS-02 G94-DD-SS-03 G94-DD-SS-04 G94-DD-SS-05 G94-P0-SS-01 G94-P0-SS-02 G94-MB-SS-01 G94-MB-SS-01 G94-MB-SS-03 G94-MB-SS-04 G94-MB-SS-05 G94-MB-SS-07 G94-MB-SS-07 G94-MB-SS-07 G94-MB-SS-08 G94-MB-SS-09 G94-MB-SS-10 G94-MB-SS-11 G94-MB-SS-22 G94-MB-SS-22	G94-DD-SS-02 CHGC6A41012120001 G94-DD-SS-03 CHGC6A41012120001 G94-DD-SS-04 CHGC6A41012120001 G94-DD-SS-05 CHGC6A41012120001 G94-PO-SS-01 CHGC6A41012120001 G94-PO-SS-02 CHGC6A41012120001 G94-MB-SS-21 CHGC6A41023120001 G94-MB-SS-01 CHGC6A41023120003 G94-MB-SS-02 CHGC6A41023120003 G94-MB-SS-05 CHGC6A41023120003 G94-MB-SS-05 CHGC6A41023120003 G94-MB-SS-05 CHGC6A41023120003 G94-MB-SS-05 CHGC6A41023120003 G94-MB-SS-06 CHGC6A41023120003 G94-MB-SS-07 CHGC6A41023120003 G94-MB-SS-08 CHGC6A41023120003 G94-MB-SS-09 CHGC6A41023120003 G94-MB-SS-09 CHGC6A41023120003 G94-MB-SS-10 CHGC6A41023120003 G94-MB-SS-10 CHGC6A41023120003 G94-MB-SS-22 CHGC6A41023120001 G94-MB-SS-22 CHGC6A41023120001	G94-DD-SS-02         CHGC6A41012120001         NA           G94-DD-SS-03         CHGC6A41012120001         NA           G94-DD-SS-04         CHGC6A41012120001         NA           G94-DD-SS-05         CHGC6A41012120001         NA           G94-PO-SS-01         CHGC6A41012120001         NA           G94-PO-SS-02         CHGC6A41023120001         NA           G94-MB-SS-21         CHGC6A41023120003         NA           G94-MB-SS-01         CHGC6A41023120003         NA           G94-MB-SS-02         CHGC6A41023120003         NA           G94-MB-SS-03         CHGC6A41023120003         NA           G94-MB-SS-04         CHGC6A41023120003         NA           G94-MB-SS-05         CHGC6A41023120003         NA           G94-MB-SS-06         CHGC6A41023120003         NA           G94-MB-SS-07         CHGC6A41023120003         NA           G94-MB-SS-08         CHGC6A41023120003         NA           G94-MB-SS-09         CHGC6A41023120003         NA           G94-MB-SS-10         CHGC6A41023120003         NA           G94-MB-SS-21         CHGC6A41023120003         NA           G94-MB-SS-22         CHGC6A41023120001         NA           G94-MB-SS-22         CHGC6A41023120001	G94-DD-SS-02         CHGC6A41012120001         NA         109           G94-DD-SS-03         CHGC6A41012120001         NA         113           G94-DD-SS-04         CHGC6A41012120001         NA         104           G94-DD-SS-05         CHGC6A41012120001         NA         108           G94-PO-SS-01         CHGC6A41012120001         NA         121           G94-PO-SS-02         CHGC6A41023120001         NA         115           G94-MB-SS-01         CHGC6A41023120003         NA         109           G94-MB-SS-02         CHGC6A41023120003         NA         109           G94-MB-SS-03         CHGC6A41023120003         NA         110           G94-MB-SS-04         CHGC6A41023120003         NA         112           G94-MB-SS-05         CHGC6A41023120003         NA         103           G94-MB-SS-06         CHGC6A41023120003         NA         142           G94-MB-SS-07         CHGC6A41023120003         NA         109           G94-MB-SS-08         CHGC6A41023120003         NA         109           G94-MB-SS-09         CHGC6A41023120003         NA         106           G94-MB-SS-10         CHGC6A41023120003         NA         108           G94-MB-SS-22	G94-DD-SS-02	G94-DD-SS-02         CHGC6A41012120001         NA         109         56.4         ug/kg           G94-DD-SS-03         CHGC6A41012120001         NA         113         82.5         ug/kg           G94-DD-SS-04         CHGC6A41012120001         NA         104         75.4         ug/kg           G94-DD-SS-05         CHGC6A41012120001         NA         108         81.1         ug/kg           G94-PO-SS-01         CHGC6A41012120001         NA         121         124         ug/kg           G94-PO-SS-02         CHGC6A41021220001         NA         115         118         ug/kg           G94-MB-SS-21         CHGC6A41023120001         NA         114         49.2         ug/kg           G94-MB-SS-01         CHGC6A41023120003         NA         109         115         ug/kg           G94-MB-SS-02         CHGC6A41023120003         NA         109         93.2         ug/kg           G94-MB-SS-03         CHGC6A41023120003         NA         110         918         ug/kg           G94-MB-SS-04         CHGC6A41023120003         NA         112         82.1         ug/kg           G94-MB-SS-05         CHGC6A41023120003         NA         103         49.1         ug/kg

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8080	) - Organochlorine	Pesticia	des and PCBs					
piked Analyte : Dibuty Type of Spike : Surrog	/lchlorendate							
10/25/94	G94-MB-SS-19		CHGC6A41023120003	NA	116	ND	ug/kg	DO
10/25/94	G94-MB-SS-20		CHGC6A41023120003	NA	105	ND	ug/kg	DO
10/30/94	G94-MB-SS-12		CHGC6A41029120001	NA	114	76.9	ug/kg	68
10/30/94	G94-MB-SS-13		CHGC6A41029120001	NA	114	122	ug/kg	10
10/30/94	G94-MB-SS-14		CHGC6A41029120001	NA	124	1150	ug/kg	93
10/25/94	G94-MB-SS-16		CHGC6B41023120003	NA	102	22.6	ug/kg	22
10/25/94	G94-MB-SS-17		CHGC6B41023120003	NA	105	46.4	ug/kg	44.
10/25/94	G94-MB-SS-18		CHGC6B41023120003	NA	106	56.5	ug/kg	54
Number of S		: 30		Below accept	ance :	0		
Mean % Reco	very	: 142		Above accept	ance :	2		
Standard De	viation	: 221		Acceptance C	riteria	20-150		
piked Analyte : 1,1,1-		cs						
piked Analyte : 1,1,1-	Trichloroethane	cs	MSMSDB41003194901	NA.	20.0	20.6	ug/kg	10
piked Analyte : 1,1,1- Type of Spike : Labora	Trichloroethane tory Control	cs	MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0	20.6	ug/kg ug/kg	
piked Analyte : 1,1,1- Type of Spike : Labora 10/03/94	Trichloroethane tory Control LCS946493 LCSD946494	cs :			20.0			
piked Analyte : 1,1,1- Type of Spike : Labora 10/03/94 10/03/94	Trichloroethane tory Control  LCS946493 LCSD946494	- <b></b>		NA 	20.0  ance :	23.3 		
piked Analyte : 1,1,1- Type of Spike : Labora 10/03/94 10/03/94 	Trichloroethane tory Control  LCS946493 LCSD946494amples very	· 2		NA  Below accept	20.0 ance : ance :	23.3		
piked Analyte : 1,1,1- Type of Spike : Labora  10/03/94  10/03/94  Number of S  Mean % Reco Standard De  Method : SW8240 piked Analyte : 1,1,2,	Trichloroethane  LCS946493  LCSD946494	: 2 : 110 : NC		NA Below accept Above accept	20.0 ance : ance :	23.3 0 0		
piked Analyte : 1,1,1- Type of Spike : Labora  10/03/94  10/03/94  Number of S  Mean % Reco Standard De  Method : SW8240 piked Analyte : 1,1,2,	Trichloroethane  LCS946493  LCSD946494	: 2 : 110 : NC		NA Below accept Above accept	20.0 ance : ance :	23.3 0 0		
piked Analyte : 1,1,1- Type of Spike : Labora  10/03/94 10/03/94	Trichloroethane  LCS946493  LCSD946494	: 2 : 110 : NC		NA Below accept Above accept	20.0 ance : ance :	23.3 0 0		10 11 
piked Analyte : 1,1,1- Type of Spike : Labora  10/03/94 10/03/94 Number of S Mean % Reco Standard De  Method : SW8240 Diked Analyte : 1,1,2, Type of Spike : Labora	Trichloroethane  LCS946493  LCSD946494	: 2 : 110 : NC	MSMSDB41003194901	NA Below accept Above accept Acceptance C	20.0  ance : ance : riteria	23.3  0 0 52-162	ug/kg	11
piked Analyte : 1,1,1- Type of Spike : Labora  10/03/94 10/03/94  Number of S Mean % Reco Standard De  Method : SW8240 piked Analyte : 1,1,2, Type of Spike : Labora	Trichloroethane  Actory Control  LCS946493 LCSD946494  Amples  Very  Viation  Control  LCS946493 LCSD946494  According to the control  According to	: 2 : 110 : NC	MSMSDB41003194901	NA  Below accept. Above accept. Acceptance C	20.0 	23.3  0 0 52-162	ug/kg	11

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

: 106

: NC

Mean % Recovery

Standard Deviation

Above acceptance :

Acceptance Criteria 46-157

ANALYZED	)	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKE		RESULT UNIT	% RECOVE
		platile Organ	nics	:						
iked Analyte : 1 ype of Spike : L										
10/03/94 10/03/94		LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0	17.9 19.2	ug/kg ug/kg	89 96
Mean %	of Sample Recovery ard Deviat			2 92.5 NC		Below accep Above accep Acceptance	tance :	0 0 52-150		
Method : Si ked Analyte : 1 pe of Spike : L	,1-Dichlonaboratory		iics							
10/03/94 10/03/94		LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	18.4 21.1	ug/kg ug/kg	92 1
10/03/94  Number Mean %		LCSD946494		2 99.0 NC			20.0  tance : tance :		ug/kg ug/kg 	
10/03/94  Number Mean % Standa	of Sample Recovery rd Deviati W8240 - Vo ,1-Dichlor	LCSD946494 es on	:	99.0		NA Below accept Above accept	20.0  tance : tance :	21.1 0 0		
10/03/94  Number  Mean % Standar  Method : SN  ked Analyte : 1	of Sample Recovery rd Deviati W8240 - Vo ,1-Dichlor aboratory	LCSD946494 es on	:	99.0		NA Below accept Above accept	20.0  tance : tance :	21.1 0 0		

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVERY
	- Volatile Orga	ınic	S						
piked Analyte : 1,1-Di Type of Spike : Matrix									
10/04/94	G94-P0-SS-C	)1		MSMSDB41003194901	ND	60.7	47.9	ug/kg	79.0
10/04/94	G94-P0-SS-C	1		MSMSDB41003194901	ND	60.1	57.2	ug/kg	95.0
Number of S	amples	:	2		Below accept	ance :	0		
Mean % Reco	-		87.0		Above accept		0		
Standard De	Viation	:	NC		Acceptance C	riteria	D-234		
Method : SW8240 piked Analyte : 1,2-Di	- Volatile Orga	nics	5						
Type of Spike : Labora									
10/03/94	LCS946493			MSMSDB41003194901	NA	20.0	19.3	ug/kg	97.0
10/03/94	LCSD946494			MSMSDB41003194901		20.0	22.2	ug/kg	111
Number of S	 amples	:	. 2		Below accept	ance :	0		
Mean % Reco	very		104		Above accept	ance :	0		
Standard De	viation	:	NC		Acceptance C	riteria	49-155		
Method : SW8240	V-1-+-1- 0	nics	3						
piked Analyte : 1,2-Di	- volatile urga								
-	chloropropane					_			
	chloropropane								
_	chloropropane	0		MSMSDB41003194901	NA	20.0	18.9	ug/kg	94.0
Type of Spike : Labora	chloropropane tory Control			MSMSDB41003194901 MSMSDB41003194901		20.0	18.9	ug/kg ug/kg	
Type of Spike : Labora 10/03/94 10/03/94	chloropropane tory Control LCS946493 LCSD946494				NA 	20.0			
Type of Spike : Labora 10/03/94	chloropropane tory Control  LCS946493 LCSD946494amples		2 98.5			20.0  ance :	20.6		94.0 103

Acceptance Criteria

DO = Diluted Out

D-210

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

: NC

Standard Deviation

DATE ANALYZE		SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : Spiked Analyte : Type of Spike :	2-Chloroeth			;						
10/03/9 10/03/9	4	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	40.0 43.7	ug/kg ug/kg	20 21
Mean	r of Sample % Recovery ard Deviati		;:	210		Below acce Above acce Acceptance	ptance :	0 0 NS		
Method : piked Analyte : Type of Spike : 10/03/9 10/03/9	2-Hexanone Laboratory 4	latile Organ Control LCS946493 LCSD946494	nics		MSMSDB41003194901 MSMSDB41003194901		100 100	93.8 91.2	ug/kg ug/kg	94. 91.
Mean :	r of Sample % Recovery ard Deviati		: :	92.5		Below acce Above acce Acceptance	ptance :	0 0 NS		
Method : S piked Analyte : 4 Type of Spike : I	4-Methy1-2-									
10/03/94 10/03/94		LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901	NA NA	100 100	99.1 102	ug/kg ug/kg	99. 10
Mean %	of Sample: Recovery		 : :	2 101 NC		Below accep Above accep Acceptance	otance :	 0 0 NS		

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
piked Analyte : Aceton		nics						
Type of Spike : Labora	itory Control							
10/03/94 10/03/94	LCS946493 LCSD946494		MSMSDB41003194901 MSMSDB41003194901		100 100	123 128	ug/kg ug/kg	12 12
Number of S	amples	: 2		Below accept	tance :	o		
Mean % Reco	•	: 126		Above accept		0		
Standard De	<del>-</del>	: NC		Acceptance (		NS		
piked Analyte : Benzen								
-	LCS946493 LCSD946494 amples	: 2 : 107 : NC	MSMSDB41003194901 MSMSDB41003194901	NA NA Below accept Above accept Acceptance C	ance:	20.8 21.9 0 0 87-151	ug/kg ug/kg	
Type of Spike : Labora 10/03/94 10/03/94 Number of S Mean % Reco Standard De	LCS946493 LCSD946494	: 107 : NC		NA Below accept Above accept	20.0 cance :	21.9 0 0		
Type of Spike : Labora 10/03/94 10/03/94 Number of Some Mean % Reconstandard Design Standard Design Standard Design Standard Design Spike : Sw8240 Spiked Analyte : Benzend Type of Spike : Matrix	LCS946493 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494	: 107 : NC	MSMSDB41003194901	NA Below accept Above accept Acceptance C	20.0  cance: cance: Criteria	21.9 0 0 37-151	ug/kg	10 11
Type of Spike : Labora 10/03/94 10/03/94 Number of S. Mean % Reco Standard De Method : SW8240 Spiked Analyte : Benzend Type of Spike : Matrix	LCS946493 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946493 LCSP46493 LCSP46493 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP46494 LCSP4649	: 107 : NC	MSMSDB41003194901	NA Below accept Above accept Acceptance C	20.0  cance: cance: Criteria	21.9 0 0 87-151	ug/kg	11

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

: 105

: NC

Mean % Recovery

Standard Deviation

0

Above acceptance :

Acceptance Criteria 37-151

DATE ANALYZ	ED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOVE
Method : piked Analyte : Type of Spike :	Bromodich		nics	3						
10/03/ 10/03/	94	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	19.4 20.3	ug/kg ug/kg	97 1
Mean	er of Samp % Recovery dard Devia	У		2 99.5 NC		Below acce Above acce Acceptance	ptance :	0 0 35-155		
Method : piked Analyte : Type of Spike : 10/03/9	Bromometha Laboratory		nics	<b>:</b>	MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	15.8 17.6	ug/kg ug/kg	79 88
Numbe Mean	er of Sampl % Recovery dard Deviat	es /	: : :	83.5		Below acce Above acce Acceptance	 ptance : ptance :	0 0 D-242	49/19	
Method : iked Analyte : ype of Spike :	Carbon dis		nics							
10/03/9 10/03/9		LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	18.9 21.4	ug/kg ug/kg	94 1
Mean	er of Sampl % Recovery Mard Deviat	,	: : :	2 101 NC		Below acce Above acce Acceptance	ptance :	0 0 NS		

	DATE ALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
piked Analy	od : SW8240 - te : Carbon te ke : Laborator		ics						
10,	/03/94 /03/94	LCS946493 LCSD946494		MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	20.9 21.4	ug/kg ug/kg	1
M	Number of Samp Mean % Recover Standard Devia	у	: 2 : 106 : NC		Below accept Above accept Acceptance C	ance :	0 0 70-140		
piked Analyt Type of Spik 10,	od : SW8240 - te : Chlorober ke : Laborator /03/94 /03/94		ics	MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	18.3 18.5	ug/kg ug/kg	91 92
•	Number of Samp Mean % Recover Standard Devia	У	: 2 : 91.5 : NC		Below accept Above accept Acceptance C	ance :	0 0 0 37-160		
	od : SW8240 -	Volatile Organ	cs						
piked Analyt Type of Spik	ce : Chloroben ke : Matrix Sp /04/94	zene		MSMSDB41003194901	ND	60.1	57.6	ug/kg	96
piked Analyt Type of Spik 10/	ce : Chloroben ke : Matrix Sp	zene ike		MSMSDB41003194901 MSMSDB41003194901	ND ND	60.1 60.7	57.6 55.9	ug/kg ug/kg	96 92

Acceptance Criteria 37-160

: NC

Standard Deviation

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOVE
Spiked Ana	thod : SW8240 lyte : Chloroe pike : Laborat		nics	s						
:	10/03/94 10/03/94	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	17.4 19.2	ug/kg ug/kg	87. 96.
	Number of Sa Mean % Recov Standard Dev	ery	:	91.5		Below accep Above accep Acceptance	tance :	0 0 NS		
iked Anal	thod : SW8240 lyte : Chlorof pike : Laborat		iics	8						
	L0/03/94 L0/03/94	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	19.8 20.9	ug/kg ug/kg	99 10
	Number of Sa Mean % Recov Standard Dev	ery	:	102		Below accep Above accep Acceptance	tance :	0 0 51-138		•
oiked Anal	thod : SW8240 yte : Chlorom		ics	:						
	.0/03/94 .0/03/94	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	15.7 17.9	ug/kg ug/kg	79. 89.
·	Number of Sar Mean % Recove Standard Devi	 mples ery	 : :			Below accept Above accept Acceptance (	tance :	0 0 0 D-273		

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
<b></b> Method : SW8240	 ) - Volatile Orga	nics						
oiked Analyte : Dibrom Type of Spike : Labora								
10/03/94	LCS946493		MSMSDB41003194901	NA 	20.0	16.6	ug/kg	83
10/03/94 	LCSD946494		MSMSDB41003194901	NA 	20.0	17.3 	ug/kg	86. 
Number of S		: 2		Below accept		0		
Mean % Reco Standard De	-	: 84.5 : NC		Above accept Acceptance C		0 53-1 <b>4</b> 9		
Type of Spike : Labora	itory Control	,						
10/03/94 10/03/94	LCS946493 LCSD946494		MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	17.3 18.5	ug/kg ug/kg	
10/03/94  Number of S	LCSD946494 	: 2		NA Below accept	20.0  ance :	18.5 0		86. 93.
10/03/94	LCSD946494  amples overy	: 2 : 89.5 : NC		NA 	20.0 ance : ance :	18.5 		
10/03/94 Number of S Mean % Reco Standard De	LCSD946494 jamples pvery eviation  - Volatile Organ	: 89.5 : NC		NA Below accept Above accept	20.0 ance : ance :	18.5 0 0		
10/03/94  Number of S Mean % Reco Standard De	LCSD946494  camples eviation  - Volatile Organ ethyl ketone	: 89.5 : NC		NA Below accept Above accept	20.0 ance : ance :	18.5 0 0		
10/03/94	LCSD946494  camples eviation  - Volatile Organ ethyl ketone ctory Control	: 89.5 : NC	MSMSDB41003194901	NA Below accept Above accept Acceptance C	20.0  ance : ance : riteria	18.5  0 0 37-162	ug/kg	93 
10/03/94  Number of S Mean % Reco Standard De  Method : SW8240 piked Analyte : Methyl Type of Spike : Labora  10/03/94  10/03/94	LCSD946494  immples eviation  - Volatile Organ ethyl ketone ctory Control  LCS946493 LCSD946494	: 89.5 : NC	MSMSDB41003194901	NA Below accept Above accept Acceptance C	20.0	18.5 0 0 37-162 88.0 91.0	ug/kg	93 
10/03/94	LCSD946494  camples every eviation  - Volatile Organ ethyl ketone ctory Control  LCS946493 LCSD946494	: 89.5 : NC	MSMSDB41003194901	NA Below accept Above accept Acceptance C	20.0  ance : ance : riteria	18.5  0 0 37-162	ug/kg	

NC = Not Calculable Date Compiled: 22 March 1995 ND = Not Detected

: NC

NS = Not Specified

NS

Standard Deviation

Acceptance Criteria

DATE ANALYZEI	)	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
******	•									
Method : S piked Analyte : N Type of Spike : L	Methylene		nics							
10/03/94 10/03/94	1	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	19.8 21.4	ug/kg ug/kg	99. 10
Mean %	of Sampl Recovery	<i>'</i>	: :	2 103 NC		Below accept Above accept Acceptance (	tance :	0 0 D-221		
Method : S liked Analyte : S lype of Spike : L 10/03/94 10/03/94	Styrene .aboratory	Control  LCS946493 LCSD946494	nics		MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	17.1 18.2	ug/kg ug/kg	86. 91.
Number Mean %	of Sampl Recovery	es		2 88.5		Below accept	ance :	0		01
		ion	:	NC		Acceptance (		NS		(
iked Analyte : T	etrachlor	olatile Organ		NC						(
Method : S wiked Analyte : T Type of Spike : L 10/03/94 10/03/94	etrachlor aboratory	olatile Organ		NC	MSMSDB41003194901 MSMSDB41003194901				ug/kg ug/kg	89. 90.

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% . RECOVER
	- Volatile Orga	nics						
iked Analyte : Toluen ype of Spike : Labora								
10/03/94	LCS946493		MSMSDB41003194901		20.0	19.2	ug/kg	96
10/03/94	LCSD946494		MSMSDB41003194901	NA 	20.0	20.5	ug/kg	1(
Number of S	amples	: 2		Below accept	ance :	0		
Mean % Reco	very	: 99.0		Above accept		0		
Standard De	viation	: NC		Acceptance C	riteria 4	47-150	•	
oiked Analyte : Toluen		nics						
oiked Analyte : Toluen	е	1	MSMSDB41003194901 MSMSDB41003194901	ND ND	60.7 60.1	53.4 59.4	ug/kg ug/kg	
oiked Analyte : Toluen Type of Spike : Matrix 10/04/94	e Spike G94-P0-SS-0 G94-P0-SS-0	1			60.1			
piked Analyte : Toluen Type of Spike : Matrix 10/04/94 10/04/94 Number of S Mean % Reco	e Spike G94-P0-SS-0 G94-P0-SS-0 amples very	1 1 : 2 : 93.5		ND Below accept Above accept	60.1  ance:	59.4 0 0		
Diked Analyte : Toluen Type of Spike : Matrix 10/04/94 10/04/94  Number of S	e Spike G94-P0-SS-0 G94-P0-SS-0 amples very	1 1 		ND Below accept	60.1  ance:	59.4		
piked Analyte : Toluen Type of Spike : Matrix  10/04/94  10/04/94  Number of S  Mean % Reco Standard De	e  Spike  G94-P0-SS-0  G94-P0-SS-0   amples very viation	1 1 : 2 : 93.5 : NC		ND Below accept Above accept	60.1  ance:	59.4 0 0		
piked Analyte : Toluen Type of Spike : Matrix  10/04/94  10/04/94  Number of S  Mean % Reco Standard De	e  G94-P0-SS-0  G94-P0-SS-0  amples very viation  - Volatile Orga momethane(Bromof	1 1 : 2 : 93.5 : NC		ND Below accept Above accept	60.1  ance:	59.4 0 0		
piked Analyte : Toluen Type of Spike : Matrix  10/04/94  10/04/94  Number of S  Mean % Reco Standard De  Method : SW8240 piked Analyte : Tribro	e  G94-P0-SS-0  G94-P0-SS-0  amples very viation  - Volatile Orga momethane(Bromof	1 1 : 2 : 93.5 : NC		ND Below accept Above accept	60.1  ance:	59.4 0 0		88. 99. 
piked Analyte : Toluen Type of Spike : Matrix  10/04/94  10/04/94  Number of S  Mean % Reco Standard De  Method : SW8240 piked Analyte : Tribro Type of Spike : Labora	e  G94-P0-SS-0  G94-P0-SS-0  amples very viation  - Volatile Orga momethane(Bromof tory Control	1 1 : 2 : 93.5 : NC	MSMSDB41003194901	ND Below accept Above accept Acceptance C	60.1  ance: cance:	59.4  0 0 47-150	ug/kg	99.

Above acceptance :

Acceptance Criteria 45-169

DO = Diluted Out

Mean % Recovery

Standard Deviation

: 76.0 : NC

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESUL			RESULT UNIT	% RECOVES
piked Ana	thod : SW8240 lyte : Trichlo pike : Laborat		nics	3						
	10/03/94 10/03/94	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	16.5 17.6	ug/kg ug/kg	82. 88.
	Number of Sa Mean % Recov Standard Dev	ery		2 85.0 NC		Above ac	ceptance : ceptance : ce Criteria	0 0 71–157		
oiked Ana Type of Sp	thod : SW8240 lyte : Trichlo pike : Matrix 10/04/94 10/04/94				MSMSDB41003194901 MSMSDB41003194901		60.7 60.1	45.4 48.4	ug/kg ug/kg	75. 81.
	Number of Sa Mean % Recov Standard Dev	ery	: :	78.0		Above ac	ceptance : ceptance : ce Criteria	0 0 71-157		
iked Anal ype of Sp	lyte : Vinyl Cl pike : Laborato	ory Control	ics							
	.0/03/94 .0/03/94	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	15.2 16.8	ug/kg ug/kg	76. 84.
	Number of San Mean % Recove Standard Dev	 πples ery	 : :	2 80.0 NC		Below aco	ceptance : ceptance : ceptance :	0 0 0 D-251	-5/ 113	

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8240 piked Analyte : Vinyl Type of Spike : Labora		nics						
10/03/94 10/03/94	LCS946493 LCSD946494		MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	23.3 25.4	ug/kg ug/kg	11 12
Number of S	•	: 2		Below accept		0		
Mean % Reco Standard De		: 122 : NC		Above accepta Acceptance C		O NS		
Method · SW8240	) - Volatile Organ	nics						
Method : SW8240 Spiked Analyte : Xylene Type of Spike : Labora		nics						
piked Analyte : Xylene Type of Spike : Labora 10/03/94	tory Control	nics	MSMSDB41003194901	NA Na	60.0	53.2	ug/kg	
piked Analyte : Xylene Type of Spike : Labora 10/03/94 10/03/94	tory Control  LCS946493  LCSD946494		MSMSDB41003194901 MSMSDB41003194901	NA	60.0	56.8	ug/kg ug/kg	
Spiked Analyte : Xylene Type of Spike : Labora  10/03/94  10/03/94  Number of S	total)  LCS946493  LCSD946494  amples	: . 2		NA Below accepta	60.0 	–		
piked Analyte : Xylene Type of Spike : Labora 10/03/94 10/03/94	LCS946493 LCSD946494 LCSD946494 LCSD946494			NA	60.0  ance :	56.8		
Spiked Analyte : Xylene Type of Spike : Labora  10/03/94  10/03/94  Number of S Mean % Reco	LCS946493 LCSD946494 LCSD946494 LCSD946494	: 2 : 92.0		NA Below accepta	60.0  ance :	56.8 0 0		
Spiked Analyte : Xylene Type of Spike : Labora  10/03/94 10/03/94  Number of S Mean % Reco Standard De  Method : SW8240 Spiked Analyte : cis-1,	e (total) utory Control  LCS946493 LCSD946494  camples every eviation  1 - Volatile Organ 3-Dichloropropens	: 2 : 92.0 : NC		NA Below accepta	60.0  ance :	56.8 0 0		
Spiked Analyte : Xylene Type of Spike : Labora  10/03/94  10/03/94  Number of S  Mean % Reco Standard De	e (total) utory Control  LCS946493 LCSD946494  camples every eviation  1 - Volatile Organ 3-Dichloropropens	: 2 : 92.0 : NC		NA Below accepta	60.0  ance :	56.8 0 0		
piked Analyte : Xylene Type of Spike : Labora  10/03/94 10/03/94 Number of S Mean % Reco Standard De  Method : SW8240 piked Analyte : cis-1,	e (total) utory Control  LCS946493 LCSD946494  camples every eviation  1 - Volatile Organ 3-Dichloropropens	: 2 : 92.0 : NC		NA Below accepta	60.0  ance :	56.8 0 0		95.1
Method: SW8240 piked Analyte: Xylene Type of Spike: Labora  10/03/94 10/03/94 Number of S Mean % Reco Standard De	LCS946493 LCS946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946494 LCSD946493 LCSD946493 LCSD946493 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LC	: 2 : 92.0 : NC	MSMSDB41003194901	NA Below accepta Above accepta Acceptance Co	60.0  ance : ance : riteria	56.8 0 0 NS	ug/kg	93.( 99.(

Above acceptance :

Acceptance Criteria

D-227

: 96.0

: NC

Mean % Recovery

Standard Deviation

1A	DATE NALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
<b></b>										
piked Analy	yte : trans-1	- Volatile Org		S						
	ike : Laborat	tory Control								
	0/03/94 0/03/94	LCS946493 LCSD946494			MSMSDB41003194901 MSMSDB41003194901		20.0 20.0	18.8 21.2	ug/kg ug/kg	94 1
	Number of Sa	•	:	2		Below accept	 ance :	0		
	Mean % Recov Standard Dev		:	100 NC		Above accept Acceptance C		0 54-156		
Meth	nod : S <b>W</b> 8240	- Volatile Orga	anics	<b>3</b>						
oiked Analy Type of Spi 10	/te : trans-1 ke : Laborat 0/03/94	1,3-Dichloroprop cory Control LCS946493		3	MSMSDB41003194901	NA	20.0	17.8	ug/kg	89
oiked Analy Type of Spi 10	/te : trans-1 ke : Laborat	,3-Dichloroprop cory Control			MSMSDB41003194901 MSMSDB41003194901	NA NA	20.0 20.0	17.8 19.6	ug/kg ug/kg	89 98
oiked Analy ype of Spi 10 10	/te : trans-1 ke : Laborat 0/03/94 0/03/94 Number of Sa	L,3-Dichloroproperoperoperoperoperoperoperoperope	ene:	2		NA Below accepta	20.0 	19.6 		
oiked Analy Type of Spi 10 10	/te : trans-1 ke : Laborat 0/03/94 0/03/94	L,3-Dichloroprop cory Control LCS946493 LCSD946494 camples	oene	2 93.5		NA 	20.0  ance :	19.6		
piked Analy Type of Spi 10 10  Meth	te: trans-1 ke: Laborat 0/03/94 0/03/94 Number of Sa Mean % Recov Standard Dev	LCS946493 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 L	: : :	2 93.5 NC		NA Below accepta Above accepta	20.0  ance :	19.6 0 0		
piked Analy Type of Spi  10  10  Meth piked Analy Type of Spi	te: trans-1 ke: Laborat 0/03/94 0/03/94 Number of Sa Mean % Recov Standard Dev od: SW8240 te: 1,2-Dic ke: Surroga	LCS946493 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946493 LCSD946494 LCSD946493 LCSD946493 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 L	ene:	2 93.5 NC		NA Below accepta Above accepta	20.0  ance :	19.6 0 0		
oiked Analy Type of Spi  10  10  Meth oiked Analy Type of Spi	te: trans-1 ke: Laborat 0/03/94 0/03/94 Number of Sa Mean % Recov Standard Dev	LCS946493 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 LCSD946494 L	ene:	2 93.5 NC		NA Below accepta Above accepta	20.0  ance :	19.6 0 0		98
Methoiked Analy Type of Spi	te: trans-1 ke: Laborat 0/03/94 0/03/94 Number of Sa Mean % Recov Standard Dev od: SW8240 te: 1,2-Dic ke: Surroga	LCS946493 LCS946494 LCSD946494 LC	ene:	2 93.5 NC	MSMSDB41003194901	NA Below accepta Above accepta Acceptance Ci	20.0  ance : riteria 1	19.6  0 0 7-183	ug/kg	

Method : SW8240 - Volatile Organics Spiked Analyte : 1,2-Dichloroethane-d4

Standard Deviation : NC

Type of Spike : Surrogate - Laboratory Control

Acceptance Criteria 76-114

AMOUNT AMOUNT DATE ORIG. RESULT % ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY _____ _____ _____

Method : SW8240 - Volatile Organics Spiked Analyte : 1,2-Dichloroethane-d4

Type of Spike : Surrogate - Laboratory Control, cont.

50.0 52.0 ug/kg 104 10/03/94 LCS946493 MSMSDB41003194901 50.0 MSMSDB41003194901 10/03/94 LCSD946494 NA 57.1 ug/kg 114

Number of Samples Below acceptance : : 109 Mean % Recovery Above acceptance : 0 : NC Standard Deviation Acceptance Criteria 76-114

Method: SW8240 - Volatile Organics Spiked Analyte: 1,2-Dichloroethane-d4 Type of Spike : Surrogate - Matrix Spike

10/04/94 G94-P0-SS-01 MSMSDB41003194901 60.1 68.2 ug/kg 113 10/04/94 G94-P0-SS-01 MSMSDB41003194901 60.7 65.5 ug/kg 108

Number of Samples Below acceptance : Mean % Recovery : 111 Above acceptance : 0 : NC Standard Deviation Acceptance Criteria 76-114

Method: SW8240 - Volatile Organics Spiked Analyte: 1,2-Dichloroethane-d4 Type of Spike : Surrogate - Method Blank

BLK944177 MSMSDB41003194901 55.8 ug/kg 10/03/94

Number of Samples Below acceptance : : 112 Above acceptance : Mean % Recovery 0 Standard Deviation : NC Acceptance Criteria 76-114

Method: SW8240 - Volatile Organics Spiked Analyte: 1,2-Dichloroethane-d4 Type of Spike : Surrogate - Normal Sample

ANALYZED	SA 	MPLE ID		BATCH ID	ORIG. RESULT	AMOUN SPIKE	T AMOUNT  D RECOVERED	RESULT UNIT	% RECOVE
Method : SI Spiked Analyte : 1 Type of Spike : Su	,2-Dichloroe								
10/04/94 10/04/94	<b>G</b> 9	4-P0-SS-01 4-P0-SS-02		MSMSDB41003194901 MSMSDB41003194901		60.5 57.1	70.9 63.1	ug/kg ug/kg	11 11
Mean %	of Samples Recovery rd Deviation		114		Below accept Above accept Acceptance C	ance :	0 1 76-114		
piked Analyte : 1,	,2-Dichloroe urrogate - T G9		5	MSMSDB41003194901 MSMSDB41003194901		50.0 50.0	58.2 57.4	ug/kg ug/kq	11 11
piked Analyte : 1, Type of Spike : Su 10/04/94 10/04/94 Number Mean %	,2-Dichloroe urrogate - T G9	thane-d4 rip Blank 4-TB-09 4-TB-11	 2 116			50.0  ance : ance :		ug/kg ug/kg	
Spiked Analyte : 1, Type of Spike : Su 10/04/94 10/04/94 Number Mean % Standar	,2-Dichloroe urrogate - T G9- G9- of Samples Recovery d Deviation	thane-d4 rip Blank 4-TB-09 4-TB-11 : :	2 116 NC		NA Below accept Above accept	50.0  ance : ance :	57.4  0 2		111

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene

Type of Spike : Surrogate - Laboratory Control

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene

Type of Spike : Surrogate - Laboratory Control, cont.

10/03/94 LCS946493 MSMSDB41003194901 NA 50.0 46.2 ug/kg 92.0 10/03/94 LCSD946494 MSMSDB41003194901 NA 50.0 47.6 ug/kg 95.0

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 93.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 86-115

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Matrix Spike

10/04/94 G94-P0-SS-01 MSMSDB41003194901 NA 60.1 46.1 ug/kg 77.0 10/04/94 G94-P0-SS-01 MSMSDB41003194901 NA 60.7 45.5 ug/kg 75.0

Number of Samples : 2 Below acceptance : 2
Mean % Recovery : 76.0 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 86-115

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Method Blank

10/03/94 BLK944177 MSMSDB41003194901 NA 50.0 45.0 ug/kg 90.0

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 90.0 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 86-115

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Normal Sample

RESULT SPIKED RECOVERED UNIT RECOVED

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene

Type of Spike : Surrogate - Normal Sample, cont.

10/04/94	G94-P0-SS-01	MSMSDB41003194901	NA	60.5	47.6	ug/kg	79.0
10/04/94	G94-P0-SS-02	MSMSDB41003194901	NA	57.1	46.5	ug/kg	82.0

Number of Samples: 2Below acceptance : 2Mean % Recovery: 80.5Above acceptance : 0Standard Deviation: NCAcceptance Criteria86-115

Method : SW8240 - Volatile Organics Spiked Analyte : 1,4-Bromofluorobenzene Type of Spike : Surrogate - Trip Blank

10/04/94	G94-TB-09	MSMSDB41003194901	NA	50.0	44.1	ug/kg	88.0
10/04/94	G94-TB-11	MSMSDB41003194901	NA	50.0	44.6	ug/kg	89.0

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 88.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 86-115

Method : SW8240 - Volatile Organics

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Equipment Blank

10/04/94	G94-P0-SS-02-EB	MSMSDB41003194901	NA	50.0	54.5	ug/kg	109

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 109 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 88-110

Method : SW8240 - Volatile Organics

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Laboratory Control

DATE ORIG. AMOUNT AMOUNT RESULT RESULT UNIT ANALYZED BATCH ID SPIKED RECOVERED RECOVERY SAMPLE ID ----------------

Method: SW8240 - Volatile Organics

Spiked Analyte: Toluene-d8

Type of Spike : Surrogate - Laboratory Control, cont.

10/03/94 LCS946493 MSMSDB41003194901 NA 50.0 51.2 ug/kg 102 10/03/94 LCSD946494 MSMSDB41003194901 NA 50.0 50.2 100 ug/kg

Number of Samples

: 2

Below acceptance :

Mean % Recovery

: 101

Above acceptance :

0

Standard Deviation

: NC

Acceptance Criteria 88-110

Method: SW8240 - Volatile Organics

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Matrix Spike

10/04/94 10/04/94 G94-P0-SS-01 G94-P0-SS-01 MSMSDB41003194901

60.1

57.8

96.0 ug/kg ug/kg

MSMSDB41003194901

60.7

56.8

94.0

Number of Samples

: 2

Below acceptance :

Mean % Recovery

: 95.0

Above acceptance :

0

Standard Deviation : NC

Acceptance Criteria 88-110

Method: SW8240 - Volatile Organics

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Method Blank

10/03/94

BLK944177

MSMSDB41003194901

NA 50.0

49.0

ug/kg

98.0

Number of Samples

: 1

Below acceptance : Above acceptance :

0

Mean % Recovery Standard Deviation : 98.0 : NC

Acceptance Criteria 88-110

0

Method: SW8240 - Volatile Organics

Spiked Analyte : Toluene-d8

Type of Spike : Surrogate - Normal Sample

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG RESU		AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
piked Ana	lyte : Toluene										
1	10/04/94 10/04/94	ate - Normal Sam G94-P0-SS-0 G94-P0-SS-0	1	. cont.	MSMSDB41003194901 MSMSDB41003194901			).5 '.1	58.1 54.3	ug/kg ug/kg	96 95
	Number of Sa Mean % Recov Standard Dev	very	:	2 95.5 NC		Above ac	cceptance cceptance nce Criter	: :	0 0 8-110	-37.13	
1	oike : Surroga 10/04/94 10/04/94	G94-TB-09 G94-TB-11			MSMSDB41003194901 MSMSDB41003194901		50 50		50.5 50.5	ug/kg ug/kg	1(
	Number of Sa Mean % Recov Standard Dev	umples very		2 101 NC		Below ac	cceptance cceptance cceptance	 : :	0 0 8-110	ug/ kg	
iked Anal		- Semivolatile ( richlorobenzene ory Control	)rga	nics							
	0/04/94 0/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401	NA NA	3.3		3.48 3.44	ug/g ug/g	10
	Number of Sa Mean % Recov Standard Dev	ery	: : :	2 104 NC		Above ac	ceptance ceptance ce Criter	:	 D D 4-142		

	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
		- Semivolatile Trichlorobenzene							
Type of S	pike : Matrix	Spike							
	10/04/94	G94-P0-SS-0	1	MSMSD141004080401	ND	4.04	3.91	ug/g	97.
	10/04/94	G94-P0-SS-0	1	MSMSD141004080401	ND	4.04	4.11	ug/g	10
	Number of Sa Mean % Recov Standard Dev	very	: 2 : 99.5 : NC		Below accept Above accept Acceptance C	ance :	0 0 44-142		
		- Semivolatile	Organics						
piked Ana Type of S	lyte : 1,2-Dic pike : Laborat 10/04/94 	chlorobenzene tory Control LCS946649 LCSD946649	0rganics  : 2	MSMSD141004080401 MSMSD141004080401	NA 	3.33 3.33 ance :	3.53 3.35	ug/g ug/g	10 10
piked Ana Type of S	lyte : 1,2-Dic pike : Laborat 10/04/94	chlorobenzene cory Control  LCS946649  LCSD946649  amples very				3.33 	3.35		
piked Ana Type of S	Pyte : 1,2-Did pike : Laborat 10/04/94 10/04/94  Number of Sa Mean % Recov Standard Dev	Chlorobenzene Cory Control  LCS946649  LCSD946649  Amples Very Viation  - Semivolatile Chlorobenzene	: 2 : 103 : NC		NA Below accept Above accept	3.33 	3.35 0 0		
piked Ana Type of S Me piked Ana Type of S	Nyte: 1,2-Dic pike: Laborat 10/04/94 10/04/94 	Chlorobenzene Cory Control  LCS946649  LCSD946649  Amples Very Viation  - Semivolatile Chlorobenzene	: 2 : 103 : NC	MSMSD141004080401	NA Below accept Above accept Acceptance C	3.33 	3.35 0 0 32-129 3.51	ug/g	10
piked Ana Type of S Me piked Ana Type of S	Nyte: 1,2-Dic pike: Laborat 10/04/94 10/04/94 	Chlorobenzene Cory Control  LCS946649 LCSD946649  Amples Very Viation  - Semivolatile of Chlorobenzene Cory Control	: 2 : 103 : NC	MSMSD141004080401	NA Below accept Above accept Acceptance C	3.33 	3.35 0 0 32-129	ug/g	

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
	) - Semivolatile (	Orgar	nics						
Type of Spike : Labora	atory Control								
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.31 3.29	ug/g ug/g	99 99
Number of S Mean % Recc Standard De	very	:	99.0		Below accept Above accept Acceptance (	tance :	0 0 20-124		
10/04/94 10/04/94	G94-P0-SS-03			MSMSD141004080401 MSMSD141004080401		4.04 4.04	3.66 3.66	ug/g ug/g	91 91
Number of S Mean % Reco Standard De	very		91.0		Below accept Above accept Acceptance (	ance :	0 0 20~124		
Method : SW8270 liked Analyte : 2,4,5- ype of Spike : Labora	•	)rgan	ics						
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.52 3.36	ug/g ug/g	1 1
Number of S	amples	:	2		Below accept	ance :	0		
Mean % Reco		:			Above accept		0		
of brebret2			NC.				21 110		

Acceptance Criteria 61-116

: NC

Standard Deviation

ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVERY
Method : SW8270 Diked Analyte : 2,4,6	0 - Semivolatile -Trichlorophenol	Orga	nics						
Type of Spike : Labora	atory Control								
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	2.90 2.81	ug/g ug/g	87.0 84.0
Number of S Mean % Reco Standard De	overy		2 85.5 NC		Below accept Above accept Acceptance C	ance :	0 0 37-144		
oiked Analyte : 2,4-D		Orga	nics						
piked Analyte : 2,4-D	ichlorophenol	Orga	nics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.30 3.32	ug/g ug/g	
Diked Analyte : 2,4-D Type of Spike : Labora 10/04/94 10/04/94	ichlorophenol atory Control LCS946649 LCSD946649		nics 2			3.33			99.0 100
oiked Analyte : 2,4-D Type of Spike : Labora 10/04/94	ichlorophenol atory Control  LCS946649 LCSD946649Samples overy	:			NA	3.33  ance : ance :	3.32		
piked Analyte : 2,4-D Type of Spike : Labora 10/04/94 10/04/94 Number of S Mean % Reco	ichlorophenol atory Control  LCS946649 LCSD946649 Samples overy eviation  0 - Semivolatile imethylphenol	: :	2 99.5 NC		NA Below accept Above accept	3.33  ance : ance :	3.32 0 0		
niked Analyte : 2,4-D Type of Spike : Labora 10/04/94 10/04/94 Number of S Mean % Reco Standard De Method : SW8270 piked Analyte : 2,4-D Type of Spike : Labora	LCS946649 LCSD946649 LCSD946649 Samples overy eviation  0 - Semivolatile imethylphenol atory Control LCS946649	: :	2 99.5 NC	MSMSD141004080401	NA Below accept Above accept Acceptance C	3.33  ance: ance: criteria	3.32 0 0 39-135	ug/g	100 
piked Analyte : 2,4-D Type of Spike : Labora 10/04/94 10/04/94 Number of S Mean % Reco Standard Do Method : SW8270 piked Analyte : 2,4-D	LCS946649 LCSD946649 LCSD946649 Samples overy eviation  0 - Semivolatile imethylphenol atory Control	: :	2 99.5 NC	MSMSD141004080401	NA Below accept Above accept Acceptance C	3.33 ance : cance : criteria	3.32 0 0 39-135	ug/g	100

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

: 66.5 : NC

Mean % Recovery Standard Deviation Above acceptance : 0

Acceptance Criteria D-116

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOV
piked Ana		- Semivolatile ( nitrophenol	)rgar	nics						
, , , , , , , , , , , , , , , , , , ,	10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	4.34 4.26	ug/g ug/g	13 12
	Number of S Mean % Reco Standard De	very	:	129		Below accep Above accep Acceptance	tance :	0 0 33-132		
oiked Ana Type of S	ethod : SW8270 alyte : 2,4-Dig Spike : Labora 10/04/94 10/04/94		rgan	iics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.36 3.30	ug/g ug/g	10 99.
	Number of Sa Mean % Reco Standard Dev	very	:	100		Below accept Above accept Acceptance (	tance :	0 0 0 39-139	49/ 9 	
iked Ana	thod : SW8270 Tyte : 2,4-Dir pike : Matrix		rgan	ics						
	10/04/94 10/04/94	G94-P0-SS-01 G94-P0-SS-01			MSMSD141004080401 MSMSD141004080401	ND ND	4.04 4.04	3.90 3.73	ug/g ug/g	97. 92.
·	Number of Sa Mean % Recov Standard Dev	very		 2 94.5 NC	·	Below accept Above accept	ance :	0 0 0 39-139		

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	Mathad · SU8270	- Semivolatile	Oras	nice						
	nalyte : 2,6-Di		or ge	111103						
-	Spike : Labora									
	10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.88	ug/g	1:
	10/04/94	LCSD946649			MSMSD141004080401	NA	3.33	3.71	ug/g	11
	Number of Sa	amples	:	2		Below accepta	ance :	0		
	Mean % Reco	very	:	114		Above accepta	ance :	0		
	Standard De	viation	:	NC		Acceptance Cr	riteria !	50-158		
			_	_						
	Method : SW8270 nalyte : 2-Chlo	- Semivolatile	Orga	nics						
•	Spike : Laborat									
	10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.15	ug/g	94.
`	10/04/94	LCSD946649			MSMSD141004080401		3.33	2.98	ug/g	89.
	Number of Sa	amples	:	2		Below accepta	ance :	0		,
	Mean % Recov	very	:	91.5		Above accepta	ance :	0		
	Standard Dev	viation	:	NC		Acceptance Cr	riteria (	60-118		
	u +1 .1 .0.100.70	C	0							
	Method : SW82/0 nalyte : 2-Chlom	- Semivolatile ( conhenol	urga	nics						
	Spike : Laborat	•								
- ·		-								

10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.41	ug/g	102
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.33	ug/g	100

Number of Samples : 2 0 Below acceptance : : 101 : NC Mean % Recovery Above acceptance : 0 Standard Deviation Acceptance Criteria 23-134

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
oiked Ana	thod : SW8270 lyte : 2-Chlor pike : Matrix	-	Organics						
	10/04/94 10/04/94	G94-P0-SS-0 G94-P0-SS-0		MSMSD141004080401		8.08 8.08	7.44 7.26	ug/g ug/g	92 90
	Number of Sa Mean % Recov Standard Dev	very	: 2 : 91.0 : NC		Below acceptar Above acceptar Acceptance Cri	nce :	0 0 23-134		
ked Anal pe of Sp	thod : SW8270 lyte : 2-Methy pike : Laborat 10/04/94 10/04/94		Organics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.61 3.56	ug/g ug/g	1 1
	Number of Sa Mean % Recov Standard Dev	mples ery	: 2 : 108 : NC		Below acceptan Above acceptan Acceptance Cri	ce :	0 0 0 30-168	ug, g 	
ked Anal	hod : SW8270 yte : 2-Methy like : Laborato	•	Organics						
	0/04/94 0/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.19 3.11	ug/g ug/g	96 93
	Number of Sar Mean % Recove Standard Dev	ery	: 2 : 94.5 : NC		Below acceptant Above acceptant Acceptance Cri	ce :	0 0 0 25–135		

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW82 piked Analyte : 2-Ni Type of Spike : Labo		e Organ	ics						
10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.46	ug/g	10
10/04/94	LCSD94664	9		MSMSD141004080401		3.33	3.35	ug/g	10
Number of Mean % Re Standard I	covery	: : 1 : N	2 102 NC		Below accept. Above accept. Acceptance C	ance :	0 0 28-167		
	70 0	Ongoni							
-	trophenol			MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.63 3.54	ug/g ug/g	
Spiked Analyte : 2-Nit Type of Spike : Labor 10/04/94	trophenol ratory Control  LCS946649 LCSD946649 Samples covery	; ; ; 1	2			3.33  ance : ance :			
Spiked Analyte : 2-Nit Type of Spike : Labor  10/04/94  10/04/94  Number of Mean % Rec Standard [	trophenol ratory Control  LCS946649 LCSD946649 Samples covery Deviation	: : 1 : M	2 2 108 NC		NA Below accepta Above accepta	3.33  ance : ance :	3.54 0 0		
Spiked Analyte : 2-Nit Type of Spike : Labor  10/04/94  10/04/94  Number of Mean % Rec Standard [  Method : SW827  Type of Spike : Labor  10/04/94	LCS946649 LCSD946649 LCSD946649 Samples covery Deviation  70 - Semivolatile Dichlorobenzidinatory Control LCS946649	: 1 : M	2 2 108 NC	MSMSD141004080401	NA Below accepta Above accepta Acceptance Co	3.33 ance : ance : riteria 2	3.54 0 0 9-182	ug/g	10
piked Analyte : 2-Nit Type of Spike : Labor  10/04/94  10/04/94  Number of Mean % Rec Standard [  Method : SW822 piked Analyte : 3,37 Type of Spike : Labor	trophenol ratory Control  LCS946649 LCSD946649 Samples covery Deviation  70 - Semivolatile -Dichlorobenzidin	: 1 : M	2 2 108 NC	MSMSD141004080401	NA Below accepta Above accepta Acceptance Co	3.33 ance : ance : riteria 2	3.54 0 0 9-182	ug/g	1
Spiked Analyte : 2-Nit Type of Spike : Labor  10/04/94  10/04/94  Number of Mean % Rec Standard I  Method : SW827  Spiked Analyte : 3,3'- Type of Spike : Labor  10/04/94	LCS946649 LCSD946649 LCSD946649 Samples covery Deviation  70 - Semivolatile Dichlorobenzidin ratory Control  LCS946649 LCSD946649	: : 1 : 1 : M	2 2 108 NC	MSMSD141004080401	NA Below accepta Above accepta Acceptance Co	3.33 ance: ance: riteria 2	3.54 0 0 9-182	ug/g	10
Spiked Analyte : 2-Nit Type of Spike : Labor  10/04/94  10/04/94  Number of Mean % Rec Standard I  Method : SW827  Spiked Analyte : 3,3'-  Type of Spike : Labor  10/04/94  10/04/94	LCS946649 LCSD946649 LCSD946649 Samples Covery Deviation  LCS946649 LCSD946649 LCSD946649 LCSD946649 LCSD946649 Samples Covery	: 1 : N	2 108 NC	MSMSD141004080401	NA Below accepta Above accepta Acceptance Co	3.33  ance: riteria 2  3.33  3.33  ance: ance:	3.54 0 0 29-182 4.90 4.65	ug/g	10 10 14 13

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

Number of Samples : 2 Mean % Recovery : 108 Standard Deviation : NC  Method : SW8270 - Semivolatile Organics piked Analyte : 4,6-Dinitro-2-methylphenol Type of Spike : Laboratory Control  10/04/94 LCS946649 MSMSD141004080401 NA 3.33 Number of Samples : 2 Mean % Recovery : 127  MSMSD141004080401 NA 3.33  Number of Samples : 2 Mean % Recovery : 127  Above acceptance : 0								RECOVE
10/04/94	s	ics						
Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 108 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 60-  Method : SW8270 - Semivolatile Organics iked Analyte : 4,6-Dinitro-2-methylphenol ype of Spike : Laboratory Control  10/04/94 LCS946649 MSMSD141004080401 NA 3.33 10/04/94 LCSD946649 MSMSD141004080401 NA 3.33 Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 127 Above acceptance : 0								
Mean % Recovery : 108 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 60-  Method : SW8270 - Semivolatile Organics wiked Analyte : 4,6-Dinitro-2-methylphenol Type of Spike : Laboratory Control  10/04/94 LCS946649 MSMSD141004080401 NA 3.33 10/04/94 LCSD946649 MSMSD141004080401 NA 3.33  Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 127 Above acceptance : 0						3.65 3.49	ug/g ug/g	1
Standard Deviation : NC Acceptance Criteria 60-  Method : SW8270 - Semivolatile Organics iked Analyte : 4,6-Dinitro-2-methylphenol ype of Spike : Laboratory Control  10/04/94		 2		Below acc	 eptance :	0		
Method : SW8270 - Semivolatile Organics         iked Analyte : 4,6-Dinitro-2-methylphenol         ype of Spike : Laboratory Control         10/04/94	3							
Number of Samples : 2   Below acceptance : 0   Mean % Recovery : 127   Above acceptance : 0								
ked Analyte : 4,6-Dinitro-2-methylphenol  //Pe of Spike : Laboratory Control  10/04/94								
10/04/94         LCSD946649         MSMSD141004080401         NA         3.33           Number of Samples         : 2         Below acceptance : 0           Mean % Recovery         : 127         Above acceptance : 0	3	ics						
Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 127 Above acceptance : 0			MSMSD141004080401	NA	3.33	4.33	ug/g	1
Mean % Recovery : 127 Above acceptance : 0			MSMSD141004080401	NA	3.33	4.10	ug/g 	1
	_				•			
Todeputioe of teer to be	7					0 D-191		
Method : SW8270 - Semivolatile Organics ked Analyte : 4-Bromophenyl phenyl ether	S	ics						
/pe of Spike : Laboratory Control								
10/04/94 LCSD946649 MSMSD141004080401 NA 3.33			MSMSD141004080401	NA	3.33	3.53	ug/g	1

: 107

: NC

0

Above acceptance :

Acceptance Criteria 53-127

Mean % Recovery

Standard Deviation

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER'
Method : SW8270 Spiked Analyte : 4-Chlo Type of Spike : Labora		rganics						
10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.30 3.31	ug/g ug/g	99. 99.
Number of S Mean % Reco Standard De	very	: 2 : 99.0 : NC		Below accept Above accept Acceptance C	ance :	0 0 22-147		
piked Analyte : 4-Chlo Type of Spike : Matrix 10/04/94			MSMSD141004080401 MSMSD141004080401		8.08 8.08	7.78 7.34	ug/g ug/g	96. 91.
Number of S Mean % Reco Standard De	very	: 2 : 93.5 : NC		Below accept Above accept Acceptance C	ance :	0 0 22-147		
Method : SW8270 piked Analyte : 4-Chlo Type of Spike : Labora								
10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.81 3.58	ug/g ug/g	11 10
Number of S Mean % Reco Standard De	very	: 2 : 111 : NC		Below accept Above accept Acceptance C	ance :	0 0 25-158		

	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOV
		- Semivolatile ylphenol/3-Methy							
Type of	Spike : Labora	tory Control LCS946649		MSMSD141004080401	. NA	3.33	3.15	ug/g	95
	10/04/94	LCSD946649		MSMSD141004080401	. NA	3.33	3.12	ug/g	94
	Number of S Mean % Reco Standard De	very	: 2 : 94.5 : NC		Below accept Above accept Acceptance C	ance :	0 0 29-182		
piked An	nalyte : 4-Nitro	- Semivolatile	Organics						
Type of	Spike : Laborat 10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.20 3.05	ug/g ug/g	
Type of	10/04/94	LCS946649 LCSD946649 amples very	: 2 : 94.0 : NC			3.33  ance : ance :		ug/g ug/g 	
 M piked An	10/04/94 10/04/94 Number of Sa Mean % Recov Standard Dev	LCS946649 LCSD946649	: 94.0 : NC		NA Below accepta Above accepta	3.33  ance : ance :	3.05 0 0		
 M piked An	10/04/94 10/04/94 Number of Sa Mean % Recover Standard Development   Method: SW8270 Nalyte: 4-Nitro	LCS946649 LCSD946649	: 94.0 : NC		NA Below accepta Above accepta	3.33  ance : ance :	3.05 0 0	ug/g 	96
 M Diked An	10/04/94 10/04/94 Number of Sa Mean % Recover Standard Development    Method: SW8270 Malyte: 4-Nitro	LCS946649 LCSD946649	: 94.0 : NC	MSMSD141004080401	NA Below accepta Above accepta Acceptance Cr	3.33 	3.05  0 0 2-155		9;

Number of Samples   2   Below acceptance   0   Standard Deviation   NC   Acceptance Criteria   D-132      Method : SW8270 - Semivolatile Organics   Place   Spike   Laboratory Control	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
10/04/94   G94-PO-SS-01   MSMSD141004080401   ND   8.08   8.53   ug/g   If   10/04/94   G94-PO-SS-01   MSMSD141004080401   ND   8.08   7.91   ug/g   98   MSMSD141004080401   ND   8.08   7.91   ug/g   97   MSMSD141004080401   ND   8.08   8.53   ug/g   97   MSMSD141004080401   ND   4.04   3.90   ug/g   97   MSM									
Number of Samples   2   Below acceptance   0   Meman % Recovery   102   Above acceptance Criteria   D-132	oiked Analyte : 4-Nitr	ophenol	Organics						
Number of Samples	• •	G94-P0-SS-0	)1	MSMSD141004080401	ND	8.08	8.53		10
Mean % Recovery	10/04/94	G94-P0-SS-0	)1	MSMSD141004080401	ND	8.08	7.91	ug/g	98.
Method: SW8270 - Semivolatile Organics piked Analyte: Acenaphthene Type of Spike: Laboratory Control  10/04/94	Number of S	amples	: 2		Below accept	ance :	0		
Method : SW8270 - Semivolatile Organics piked Analyte : Acenaphthene [ype of Spike : Laboratory Control]  10/04/94	Mean % Reco	very	: 102		•		0		
### Diked Analyte : Acenaphthene Type of Spike : Laboratory Control    10/04/94	Standard De	viation	: NC		Acceptance C	riteria	D-132		
Mean % Recovery : 97.5 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 47-145  Method : SW8270 - Semivolatile Organics piked Analyte : Acenaphthene Type of Spike : Matrix Spike  10/04/94 G94-P0-SS-01 MSMSD141004080401 ND 4.04 3.90 ug/g 97.	oiked Analyte : Acemap	hthene	Organics						
Standard Deviation : NC Acceptance Criteria 47-145  Method : SW8270 - Semivolatile Organics Diked Analyte : Acenaphthene Type of Spike : Matrix Spike  10/04/94 G94-P0-SS-01 MSMSD141004080401 ND 4.04 3.90 ug/g 97.	piked Analyte : Acenap Type of Spike : Labora 10/04/94	hthene tory Control LCS946649	Organics						
Method : SW8270 - Semivolatile Organics piked Analyte : Acenaphthene Type of Spike : Matrix Spike 10/04/94 G94-P0-SS-01 MSMSD141004080401 ND 4.04 3.90 ug/g 97.	piked Analyte : Acenap Type of Spike : Labora 10/04/94 10/04/94 Number of S	hthene tory Control  LCS946649  LCSD946649 amples			NA 	3.33	3.27		
10/04/94 G94-P0-SS-01 MSMSD141004080401 ND 4.04 3.90 ug/g 97.	piked Analyte : Acenap Type of Spike : Labora 10/04/94 10/04/94  Number of S Mean % Reco	hthene tory Control  LCS946649 LCSD946649amples very	: 2 : 97.5		NA Below accept Above accept	3.33  ance : ance :	3.27 0 0		97. 98.
· ·	piked Analyte : Acenap Type of Spike : Labora  10/04/94  10/04/94  Number of S.  Mean % Reco Standard De  Method : SW8270  piked Analyte : Acenap	hthene tory Control  LCS946649 LCSD946649 amples very viation  - Semivolatile hthene	: 2 : 97.5 : NC		NA Below accept Above accept	3.33  ance : ance :	3.27 0 0		
	piked Analyte : Acenap Type of Spike : Labora  10/04/94  10/04/94  Number of S  Mean % Reco Standard De  Method : SW8270  piked Analyte : Acenap	hthene tory Control  LCS946649 LCSD946649 amples very viation  - Semivolatile hthene Spike	: 2 : 97.5 : NC	MSMSD141004080401	NA Below accept Above accept Acceptance C	3.33 ance : ance : riteria 4	3.27 0 0 17-145	ug/g	98.
Number of Samples : 2 Below acceptance : 0	Diked Analyte : Acenap Type of Spike : Labora  10/04/94  10/04/94  Number of S Mean % Reco Standard De  Method : SW8270 Diked Analyte : Acenap Type of Spike : Matrix  10/04/94  10/04/94	hthene tory Control  LCS946649 LCSD946649  amples very viation  - Semivolatile hthene Spike  G94-P0-SS-C G94-P0-SS-C	: 2 : 97.5 : NC	MSMSD141004080401	NA Below accept Above accept Acceptance C	3.33 ance : ance : riteria 4	3.27 0 0 17-145	ug/g	

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

: 93.0

: NC

Mean % Recovery

Standard Deviation

Above acceptance :

Acceptance Criteria 47-145

0

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW827 piked Analyte : Acena Type of Spike : Labon		Organics						
10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.72 3.59	ug/g ug/g	1: 10
Number of Mean % Rec Standard [	covery	: 2 : 110 : NC		Below acceptanc Above acceptanc Acceptance Crit	e :	0 0 3-145		
Method : SW827 iked Analyte : Anthr ype of Spike : Labor 10/04/94 10/04/94		Organics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.74 3.65	ug/g ug/g	1:
Number of Mean % Rec Standard D	Samples covery	: 2 : 111 : NC		Below acceptance Above acceptance Acceptance Crite	 e : e :	0 0 7–133		
Method : SW827 iked Analyte : Benzc /pe of Spike : Labor		Organics						
10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.89	ug/g ug/g	1
Number of Mean % Rec	·	: 2 : 114 : NC		Below acceptance Above acceptance Acceptance Crite	:	 0 0 3-143		

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
	) - Semivolatile	0rga	anics						
Spiked Analyte : Benzo( Type of Spike : Labora									
10/04/94	LCS946649			MSMSD141004080401	NA	3.33		ug/g	1
10/04/94	LCSD946649			MSMSD141004080401	NA 	3.33	3.46	ug/g	1
Number of S	Samples	:	2		Below accep	tance :	0		
Mean % Reco	overy		104		Above accept		0		
Standard De	eviation	:	NC		Acceptance (	Criteria	17-163		
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.44 3.33	ug/g ug/g	10 10
Number of S		:	2		Below accept		0		
Mean % Reco Standard De			102 NC		Above accept Acceptance (		0 24-159		
	) - Semivolatile	Orga	anics				·		
piked Analyte : Benzo( Type of Spike : Labora									
10/04/94				MSMSD141004080401	NA	3.33	4 10		
10/04/94	LCS946649						4.10	ug/g	1
	LCS946649 LCSD946649			MSMSD141004080401	NA	3.33	3.91	ug/g ug/g	
Number of S	LCSD946649	·:	 2	MSMSD141004080401		3.33 			
Number of S Mean % Reco	LCSD946649	: :	2 120	MSMSD141004080401	NA Below accept Above accept	3.33 	3.91		1; 1:

: NC

Standard Deviation

Acceptance Criteria

D-219

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
Method : SW827( piked Analyte : Benzo( Type of Spike : Labora		Orga	anics						
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.98 4.10	ug/g ug/g	1: 12
Number of S Mean % Reco Standard De	very	:	2 121 NC		Below accept Above accept Acceptance C	ance :	0 0 11-162		
Method : SW8270 wiked Analyte : Benzoi Type of Spike : Labora 10/04/94 10/04/94		Orga	anics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	2.38 2.31	ug/g ug/g	71. 69.
Number of S Mean % Reco Standard De	very	:	2 70.0 NC		Below accept Above accept Acceptance C	ance :	0 0 0 0–197		(
Method : SW8270 iked Analyte : Benzyl ype of Spike : Labora		Orga	ınics						
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.63 3.68	ug/g ug/g	10
Number of S					Below accepta				

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
Method : SW8270 piked Analyte : Butylb Type of Spike : Labora		0rgi	anics						
10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.94	ug/g	- 11
10/04/94	LCSD946649			MSMSD141004080401	NA	3.33	3.73	ug/g	11:
Number of S	amples	:	2		Below accept	tance :	0		
Mean % Reco		:	115		Above accept		0		
Standard De	viation	:	NC		Acceptance (	Criteria	D-152		
piked Analyte : Chryse Type of Spike : Labora 10/04/94 10/04/94				MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.70 3.35	ug/g ug/g	11: 100
Number of S	amples	 :	2		Below accept	ance :	0		
Mean % Reco	_	:	106		Above accept		0		
Standard De	viation	:	NC		Acceptance C	Criteria	17-168		
Method : SW8270 Diked Analyte : Di-n-o Type of Spike : Labora		0rga	anics					·	
10/04/94	LCS946649			MSMSD141004080401	NA	3.33	4.34	ug/g	13
10/04/94	LCSD946649			MSMSD141004080401	NA	3.33	4.36	ug/g	131
Number of S	amples	:	2		Below accept	ance :	0		

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

: 131

: NC

Mean % Recovery

Standard Deviation

Above acceptance :

Acceptance Criteria

4-146

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
	#8270 - Semivolatile ibenz(a,h)anthracene		anics						·
10/04/94 10/04/94	LCS946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.56 3.29	ug/g ug/g	10 99
Mean %	of Samples Recovery rd Deviation	:	2 103 NC		Below accept Above accept Acceptance (	cance :	0 0 D-227		
Method : S piked Analyte : D Type of Spike : L 10/04/94 10/04/94		Orga	anics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.46 3.33	ug/g ug/g	10 10
Mean %	of Samples Recovery d Deviation	:	2 102 NC	· · · · · · · · · · · · · · · · · · ·	Below accept Above accept Acceptance C	ance :	0 0 57-126		
iked Analyte : D	/8270 - Semivolatile butylphthalate boratory Control	0rga	anics						
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.86 3.69	ug/g ug/g	1:
Mean %	of Samples Recovery d Deviation	: : :	2 114 NC		Below accept Above accept Acceptance C	ance :	0 0 1-118		

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 Spiked Analyte : Diethy Type of Spike : Labora		Organics						
10/04/94 10/04/94	LCS946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.72 3.65	ug/g ug/g	1: 1(
Number of S Mean % Reco Standard De	very	: 2 : 111 : NC		Below accept Above accept Acceptance C	ance :	0 0 67-143	·	
piked Analyte : Dimeth		Organics						
piked Analyte : Dimeth Type of Spike : Labora 10/04/94 10/04/94	nylphthalate htory Control LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401	NA 	3.33 3.33 ance :	3.46	ug/g ug/g	10 10
piked Analyte : Dimeth Type of Spike : Labora 10/04/94	LCS946649 LCSD946649 LCSD946649 amples	organics  : 2 : 107 : NC			3.33  ance :			
piked Analyte : Dimeth Type of Spike : Labora  10/04/94  10/04/94  Number of S  Mean % Reco Standard De  Method : SW8270 piked Analyte : Diphen	LCS946649 LCSD946649 LCSD946649 samples every eviation	: 2 : 107 : NC		NA Below accept Above accept	3.33  ance :	3.46 0 0		
Spiked Analyte : Dimeth Type of Spike : Labora 10/04/94 10/04/94 Number of S Mean % Reco Standard De	LCS946649 LCSD946649 LCSD946649 samples every eviation	: 2 : 107 : NC		NA Below accept Above accept	3.33  ance :	3.46 0 0		

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVERY
Method : SW8270 Spiked Analyte : Fluora Type of Spike : Labora		)rganics						
10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.50 3.47	ug/g ug/g	105 104
Number of S Mean % Reco Standard De	Samples overy	: 2 : 105 : NC		Below accept Above accept Acceptance C	ance :	0 0 0 26-137		
Method : SW8270 Spiked Analyte : Fluore Type of Spike : Labora 10/04/94 10/04/94		rganics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.12 2.99	ug/g ug/g	93.0 90.0
Number of S Mean % Reco Standard De	Samples overy	: 2 : 91.5 : NC	101101010000000	Below accepta Above accepta Acceptance Co	ance :	0 0 59-121	ug/g 	30.0
Method : SW8270 Spiked Analyte : Hexach Type of Spike : Labora		rganics					. *	
10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.35 3.60	ug/g ug/g	101 108
Number of S Mean % Reco Standard De	overy	: 2 : 105 : NC		Below accepta Above accepta Acceptance Cr	ance :	0 0 D-152		

DATE					ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID			BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
		_							
Method : SW8270 piked Analyte : Hexach	) - Semivolatile	Orga	anics						
Type of Spike : Labora									
10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.52	ug/g	106
10/04/94	LCSD946649			MSMSD141004080401	NA	3.33	3.34	ug/g	100
Number of S	Samples	:	2		Below accepta	ance :	0	·	
Mean % Reco	-	:	103		Above accepta		0		
Standard De	eviation	:	NC		Acceptance Cr	riteria 4	10-137		
			÷						
								•	
10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	1.48 1.46	ug/g ug/g	44.( 44.(
Number of S	amples	 :	2		Below accepta	ance :	0		
Mean % Reco	very	:	44.0		Above accepta		0		
Standard De	viation	:	NC		Acceptance Cr	riteria	0-249		
Method : SW8270	) - Semivolatile	0rga	inics						
piked Analyte : Hexach									
Type of Spike : Labora	tory Control								
	control								
10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.65	ug/g	110
10/04/94 10/04/94				MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.65 3.76	ug/g ug/g	11 <b>0</b> 113
10/04/94	LCS946649 LCSD946649		2		NA 	3.33			
	LCS946649 LCSD946649 amples	 : :	2 112			3.33 	3.76		

Acceptance Criteria 53-143

Standard Deviation : NC

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
Method : SW8270 Diked Analyte : Indeno	O - Semivolatile o(1,2,3-cd)pyrene							
Type of Spike : Labora 10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.58 3.48	ug/g ug/g	10 10
Number of S Mean % Reco Standard De	 Gamples overy	: 2 : 106 : NC		Below accept Above accept Acceptance C	ance :	0 0 D-171	-9/9	
Method : SW8270 piked Analyte : Isopho ype of Spike : Labora 10/04/94 10/04/94		Organics	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.75 3.73	ug/g ug/g	11 11
Number of S Mean % Reco Standard De	overy	: 2 : 112 : NC		Below accepta Above accepta Acceptance Co	ance :	0 0 21-196		
Method : SW8270 iked Analyte : N-Nitr ype of Spike : Labora								
10/04/94 10/04/94	LCS946649 LCSD946649		MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.56 3.54	ug/g ug/g	10
Number of S Mean % Reco Standard De	very	: 2 : 107 : NC	·	Below accepta Above accepta Acceptance Cr	ance :	0 0 0 D-230	*****	

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
Method : SW8270 Spiked Analyte : N-Nitr Type of Spike : Matrix		-						
10/04/94	G94-P0-SS-0	1	MSMSD141004080401	ND	4.04	4.01	ug/g	99.
10/04/94	G94-P0-SS-0		MSMSD141004080401		4.04	3.89	ug/g	96.
Number of S Mean % Reco Standard De	overy	: 2 : 97.5 : NC		Below accept Above accept Acceptance C	ance :	0 0 D-230		
	) - Semivolatile	Organics						
Spiked Analyte : Naphth Type of Spike : Labora 10/04/94	nalene atory Control LCS946649	Organics	MSMSD141004080401		3.33	3.51 3.46	ug/g	10 10
Spiked Analyte : Naphth Type of Spike : Labora 10/04/94 10/04/94 Number of S Mean % Reco	LCS946649 LCSD946649 Camples	: 2 : 105	MSMSD141004080401 MSMSD141004080401	NA Below accept Above accept	3.33 ance :	3.46 0 0	ug/g ug/g	10 10
Spiked Analyte : Naphth Type of Spike : Labora 10/04/94 10/04/94 Number of S	LCS946649 LCSD946649 Camples	: 2		NA Below accept	3.33 ance :	3.46 0		
Spiked Analyte : Naphth Type of Spike : Labora 10/04/94 10/04/94 Number of S Mean % Reco Standard De	LCS946649 LCSD946649 LCSD946649 Samples Every	: 2 : 105 : NC		NA Below accept Above accept	3.33 ance :	3.46 0 0		
Spiked Analyte : Naphth Type of Spike : Labora  10/04/94  10/04/94  Number of S  Mean % Reco Standard De  Method : SW8270 Spiked Analyte : Nitrob	LCS946649 LCSD946649 LCSD946649 Samples Every	: 2 : 105 : NC		NA Below accept Above accept	3.33 ance :	3.46 0 0		10
Spiked Analyte : Naphth Type of Spike : Labora  10/04/94  10/04/94  Number of S Mean % Reco Standard De  Method : SW8270 Spiked Analyte : Nitrob Type of Spike : Labora	LCS946649 LCSD946649 LCSD946649 LCSD946649 LCSD946649 LCSP46649 LCSP46649	: 2 : 105 : NC	MSMSD141004080401	NA Below accept Above accept Acceptance C	3.33 .ance : .ance : .ariteria 2 3.33 3.33	3.46 0 0 21-133	ug/g	

Acceptance Criteria 35-180

ND = Not Detected NC = Not Calculable NS = Not Specified Date Compiled: 22 March 1995 DO = Diluted Out

Standard Deviation

: NC

	DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
oiked Ana	thod : SW8270 - lyte : Pentachl pike : Laborato	orophenol	0rga	ınics						
	10/04/94 10/04/94	LCS946649 LCSD946649			MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.11 3.03	ug/g ug/g	93 91
	Number of Sam Mean % Recove Standard Devi	ry	:	2 92.0 NC		Below accept Above accept Acceptance (	tance :	0 0 14-176		
iked Ana ype of S	thod : SW8270 - lyte : Pentachle pike : Matrix S 10/04/94 10/04/94	orophenol	1	nics	MSMSD141004080401 MSMSD141004080401	ND ND	8.08 8.08	7.29 7.38	ug/g ug/g	90 91
	Number of Sam Mean % Recove Standard Devi	ry	: : :	90.5		Below accept Above accept Acceptance (	cance :	0 0 14-176		
ked Ana	thod : SW8270 - lyte : Phenanth pike : Laborato	rene	Orga	nics						
	10/04/94 10/04/94	LCS946649 LCSD946649		-	MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.30 3.24	ug/g ug/g	99 97
	Number of Samp Mean % Recover	oles	 :	 2		Below accept	ance:	 0		

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	%. Recover
Method : SW8270	- Semivolatile	0rga	anics						
piked Analyte : Phenol Type of Spike : Labora									
10/04/94	LCS946649			MSMSD141004080401		3.33		ug/g	1
10/04/94	LCSD946649			MSMSD141004080401	NA 	3.33 	3. <b>3</b> 8	ug/g 	1(
Number of S	amples	:	2	· · · · · · · · · · · · · · · · · · ·	Below accept	ance :	0 .		
Mean % Reco	very	:	102		Above accept		0		
Standard De	viation	:	NC		Acceptance C	riteria	5-112		
Type of Spike : Matrix 10/04/94 10/04/94	G94-P0-SS-0 G94-P0-SS-0			MSMSD141004080401 MSMSD141004080401		8.08 8.08	7.09 7.16	ug/g ug/g	88. 89.
Number of S	amples	 :	2		Below accept	 ance :	0		
Mean % Reco			88.5		Above accept		0		
Standard De	viation	:	NC		Acceptance C	riteria	5-112		
Mathad · SW8270	) - Semivolatile	Orga	anics						
Spiked Analyte : Pyrene		J. 90	,,						
Type of Spike : Labora									
10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.61	ug/g	. 1
10/04/94	LCSD946649			MSMSD141004080401	NA	3.33	3.57	ug/g	10
Number of S									
Number of 3	ampies	:	2		Below accept	ance :	0		
Mean % Reco		:	2 1 <b>0</b> 8		Above accept		0		

Standard Deviation

: NC

Acceptance Criteria 52-115

DO = Diluted Out

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8270	- Semivolatile Organio	cs					
Spiked Analyte : Pyrene							
Type of Spike : Matrix	Spike						
10/04/94	G94-P0-SS-01	MSMSD141004080401	ND	4.04	4.39	ug/g	109
10/04/94	G94-P0-SS-01	MSMSD141004080401	ND	4.04	4.42	ug/g	109

Number of Samples : 2
Mean % Recovery : 109
Standard Deviation : NC Below acceptance : Above acceptance : Acceptance Criteria 52-115

Method : SW8270 - Semivolatile Organics Spiked Analyte : bis(2-Chloroethoxy)methane

Type of Spike : Laboratory Control

10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.32	ug/g	99.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.35	ug/g	101

Number of Samples : 2 : 100 Below acceptance : Mean % Recovery Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 33-184

Method : SW8270 - Semivolatile Organics

Spiked Analyte : bis(2-Chloroethyl)ether Type of Spike : Laboratory Control

10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.26	ug/g	98.0
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.21	ug/g	96.0

Number of Samples : 2 Below acceptance : 0 : 97.0 : NC Above acceptance : Mean % Recovery Standard Deviation Acceptance Criteria 12-158

Date Compiled: 22 March 1995

ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUN SPIKE		RESULT UNIT	% RECOVER
Method : SW827 Spiked Analyte : bis(2 Type of Spike : Labor			ics						
10/04/94	LCS946649			MSMSD141004080401	NA	3.33	3.18	ug/g	95.
10/04/94	LCSD946649			MSMSD141004080401	NA	3.33	3.16	ug/g	95.
Number of : Mean % Reco Standard Do	overy	: 9	2 95.0 NC		Below accep Above accep Acceptance	tance :	0 0 36-166		
piked Analyte : bis(2-		_	ics	MSMSD141004080401 MSMSD141004080401	NA NA	3.33 3.33	3.77 3.54	ug/g ug/g	
piked Analyte : bis(2 [.] Type of Spike : Labora 10/04/94	-Ethylhexyl)phtha atory Control LCS946649 LCSD946649 	late	2 110			3.33  tance : tance :			
Piked Analyte : bis(2- Type of Spike : Labora 10/04/94 10/04/94 Number of S Mean % Reco Standard De	-Ethylhexyl)phtha atory Control  LCS946649 LCSD946649	: : 1 : N	2 110 IC		NA Below accep Above accep	3.33  tance : tance :	3.54  0 0		1: 1(
piked Analyte : bis(2- Type of Spike : Labora 10/04/94 10/04/94 	-Ethylhexyl)phtha atory Control  LCS946649 LCSD946649	: : 1 : N	2 110 IC		NA Below accep Above accep	3.33  tance : tance :	3.54  0 0		

Acceptance Criteria 59-163

: NC

Standard Deviation

ANALYZED  Method : SW8270 piked Analyte : 2,4,6-T Type of Spike : Surroga				BATCH ID	RESULT	AMOUI SPIKI		RESULT UNIT	% RECOVE
iked Analyte : 2,4,6-T									
ked Analyte : 2,4,6-T									
-		Jrga	nics						
	•	Cor	itrol						
10/04/94	LCS946649			MSMSD141004080401	NA	6.67	6.72	ug/g	1
10/04/94	LCSD946649			MSMSD141004080401	NA 	6.67	5.89	ug/g	88
Number of Sam	•	:	2		Below accept		0		
Mean % Recove Standard Dev	-		94.5		Above accept		0		
Stallual u bev	Tation	•	NC		Acceptance (	riteria	19-122		
10/04/94	G94-P0-SS-01			MSMSD141004080401	NA	8.08	8.27	ug/g	1
10/04/94	G94-P0-SS-01			MSMSD141004080401	NA	8.08	7.57	ug/g	94
Number of Sam	•	:	2		Below accept	ance :	0		
Mean % Recove	-		98.0		Above accept		0		,
	ation	:	NC		Acceptance C	riteria	10-123		
Standard Devi	· · <del>- · ·</del>								
Standard Dev									
Method : SW8270 -	- Semivolatile O	rga	nics						
	- Semivolatile O hibromophenol		nics						
Method : SW8270 - ked Analyte : 2,4,6-Tr	- Semivolatile O hibromophenol		nics	MSMSD141004080401	NA	6.67	6.14	ug/g	92

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2,4,6-Tribromophenol Type of Spike : Surrogate - Normal Sample

Mean % Recovery

Standard Deviation

(: 92.0

: NC

Above acceptance :

Acceptance Criteria 10-123

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKE		RESULT UNIT	% RECOVER
Method : SW8270 iked Analyte : 2,4,6-		e Organics						
ype of Spike : Surrog		ample, cont.						
10/04/94	G94-P0-SS-	-01	MSMSD141004080401	NA	8.08	8.05	ug/g	1
10/04/94	G94-P0-SS-		MSMSD141004080401		7.69	7.60	ug/g ug/g	99
Number of S	•	: 2		Below accept		0		
Mean % Reco	-	: 99.5		Above accept		0		
Standard De	viation	: NC		Acceptance (	riteria	10-123		
Method : SW8270 Diked Analyte : 2-Fluo		e Organics						
oiked Analyte : 2-Fluo Type of Spike : Surrog	robiphenyl ate - Laborator					0.07		00
riked Analyte : 2-Fluo ype of Spike : Surrog 10/04/94	robiphenyl ate - Laborator LCS946649	ry Control	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.27 3.26	ug/g	
oiked Analyte : 2-Fluo Type of Spike : Surrog 10/04/94 10/04/94	robiphenyl ate - Laborator LCS946649 LCSD946649	ry Control	MSMSD141004080401 MSMSD141004080401		3.33 3.33	3.27 3.26	ug/g ug/g	
oiked Analyte : 2-Fluo Type of Spike : Surrog 10/04/94 10/04/94 Number of S	robiphenyl ate - Laboraton LCS946649 LCSD946645 amples	ry Control		NA Below accept	3.33  :ance :	3.26		98. 98.
oiked Analyte : 2-Fluo Type of Spike : Surrog 10/04/94 10/04/94	robiphenyl ate - Laboraton LCS946649 LCSD946645 amples	ry Control		NA Below accept Above accept	3.33 cance :	3.26 0 0		
iked Analyte : 2-Fluo ype of Spike : Surrog 10/04/94 10/04/94 Number of S	robiphenyl ate - Laborator  LCS946649  LCSD946649 amples very	ry Control		NA Below accept	3.33 cance :	3.26		
iked Analyte : 2-Fluo ype of Spike : Surrog 10/04/94 10/04/94 Number of So Mean % Reco	robiphenyl ate - Laborator  LCS946649  LCSD946649 amples very	: 2 : 98.0		NA Below accept Above accept	3.33 cance :	3.26 0 0		
iked Analyte : 2-Fluo ype of Spike : Surrog 10/04/94 10/04/94 Number of So Mean % Reco	robiphenyl ate - Laborator  LCS946649  LCSD946649 amples very	: 2 : 98.0		NA Below accept Above accept	3.33 cance :	3.26 0 0		
iked Analyte : 2-Fluo ype of Spike : Surrog 10/04/94 10/04/94 Number of S Mean % Reco Standard De	robiphenyl ate - Laborator  LCS946649  LCSD946649  amples very viation  - Semivolatile	: 2 : 98.0 : NC		NA Below accept Above accept	3.33 cance :	3.26 0 0		
iked Analyte : 2-Fluo ype of Spike : Surrog 10/04/94 10/04/94 Number of S Mean % Reco Standard De Method : SW8270 iked Analyte : 2-Fluo	robiphenyl ate - Laborator  LCS946649  LCSD946649  amples very viation  - Semivolatile	: 2 : 98.0 : NC		NA Below accept Above accept	3.33 cance :	3.26 0 0		
iked Analyte : 2-Fluo ype of Spike : Surrog 10/04/94 10/04/94 Number of So Mean % Reco Standard De	robiphenyl ate - Laborator  LCS946649  LCSD946649  amples very viation  - Semivolatile	: 2 : 98.0 : NC		NA Below accept Above accept	3.33 cance :	3.26 0 0		

10/04/94	G94-P0-SS-01	MSMSD141004080401	NA	4.04	3.84	ug/g	95.0
10/04/94	G94-P0-SS-01	MSMSD141004080401	NA	4.04	4.14	ug/g	102

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 98.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 43-116

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVER

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorobiphenyl

Type of Spike : Surrogate - Method Blank

10/04/94	BLK944291		MSMSD141004080401	NA 3	3.33	3.24	ug/g	97.0
Number of Sample	es :	1		Below acceptance	· :	0		
Mean 9 Pecovery		97 N		Above accontance		Λ		

Number of Samples : 1 Below acceptance : 0

Mean % Recovery : 97.0 Above acceptance : 0

Standard Deviation : NC Acceptance Criteria 43-116

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorobiphenyl

Type of Spike : Surrogate - Normal Sample

•	· · · · ·	MSMSD141004080401 MSMSD141004080401	NA NA	4.04 3.85	4.04 3.64	ug/g ug/g	100 95.0

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 97.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 43-116

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Laboratory Control

10/04/94	LCS946649	MSMSD141004080401	NA	6.67	6.73	ug/g	101
10/04/94	LCSD946649	MSMSD141004080401	NA	6.67	6.62	ug/g	99.0

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 100 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 32-132

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Matrix Spike

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

AMOUNT RESULT DATE ORIG. AMOUNT % ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY ------_____ -----

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Matrix Spike, cont.

10/04/94 G94-P0-SS-01 MSMSD141004080401 NA 8.08 8.00 ug/g 99.0 10/04/94 G94-P0-SS-01 MSMSD141004080401 NA 8.08 7.95 ug/g 98.0

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 98.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 21-139

Method: SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Method Blank

10/04/94 BLK944291 MSMSD141004080401 NA 6.67 6.49 ug/g 97.0

Number of Samples : 1 Below acceptance : 0
Mean % Recovery : 97.0 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 21-139

Method : SW8270 - Semivolatile Organics

Spiked Analyte : 2-Fluorophenol

Type of Spike : Surrogate - Normal Sample

10/04/94 G94-P0-SS-01 MSMSD141004080401 NA 8.08 7.83 ug/g 97.0 10/04/94 G94-P0-SS-02 MSMSD141004080401 NA 7.69 7.19 ug/g 94.0

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 95.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 21-139

Method: SW8270 - Semivolatile Organics

Spiked Analyte: Nitrobenzene-d5

Type of Spike : Surrogate - Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

A-2.3-83

ANALYZED SAMPLE ID BATCH ID	RESULT SPI	KED RECOVERED	UNIT	DECOVE
	(COOL) 011	KLU KLCUVEKLU	ONII	RECOVE
	·			

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Nitrobenzene-d5

Type of Spike : Surrogate - Laboratory Control, cont.

10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.43	ug/g	103
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.36	ug/g	101

Number of Samples

Below acceptance :

Mean % Recovery

: 102

Above acceptance :

0

Standard Deviation : NC

Acceptance Criteria 23-120

Method: SW8270 - Semivolatile Organics

Spiked Analyte: Nitrobenzene-d5

Type of Spike : Surrogate - Matrix Spike

10/04/94	G94-P0-SS-01	MSMSD141004080401	NA	4.04	4.20	ug/g	104
10/04/94	G94-P0-SS-01	MSMSD141004080401	NA	4.04	4.03	ug/g	100

Number of Samples

: 2 : 102

Below acceptance :

Mean % Recovery Standard Deviation : NC

Above acceptance :

Acceptance Criteria 35-114

Method : SW8270 - Semivolatile Organics

Spiked Analyte: Nitrobenzene-d5

Type of Spike : Surrogate - Method Blank

10/04/94	BLK944291	MSMSD141004080401	NA	3.33	3.23	ug/g	97.0

Number of Samples Below acceptance : : 97.0 Mean % Recovery Above acceptance : Standard Deviation : NC Acceptance Criteria 35-114

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Nitrobenzene-d5

Type of Spike : Surrogate - Normal Sample

DATE ANALYZED	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	`								
Method : SW8270 Spiked Analyte : Nitrob		e Orga	anics						
Type of Spike : Surrog	ate - Normal Sa	mple	, cont.						
10/04/94	G94-P0-SS-	-01		MSMSD141004080401	NA	4.04	4.08	ug/g	10
10/04/94	G94-P0-SS-	02		MSMSD141004080401	NA	3.85	3.65	ug/g	95
Number of S	amples	·- <b>-</b> :	2		Below accept	ance :	0		
Mean % Reco	very	:	98.0		Above accept	ance :	0		
Standard De	viation	:	NC		Acceptance C	riteria :	35-114		
Type of Spike : Surrog 10/04/94 10/04/94	ate - Laborator LCS946649 LCSD946649		itrol	MSMSD141004080401 MSMSD141004080401		6.67 6.67	6.99 6.79	ug/g ug/g	10 10
Number of S	amples	:	2		Below accept	ance :	0		
Mean % Reco	-		104		Above accept		0		
Standard De	viation	:	NC		Acceptance C	riteria 4	18-127		
Method : SW8270 Spiked Analyte : Phenol		: Orga	anics					,	
Type of Spike : Surrog		ike							
10/04/94	G94-P0-SS-	01		MSMSD141004080401	NA	8.08	8.30	ug/g	10
10/04/94	G94-P0-SS-	01		MSMSD141004080401	NA	8.08	8.18	ug/g	10
Number of S	amples	:	2		Below accept	ance :	0		
Mean % Reco		:	102		Above accept		0		
Standard De	viation		NC		Acceptance C	riteria	4-162		

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVE

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Phenol-d5

Type of Spike : Surrogate - Method Blank

10/04/94	BLK944291		MSMSD141004080401	ħ	IA 6	6.67	6.75	ug/g	101
Number of Sample		1			acceptance		0		
Mean % Recovery	:	101		Above	acceptance	: :	0		
Standard Deviat	ion :	NC		Accept	ance Crite	ria	4-162		

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Phenol-d5

Type of Spike : Surrogate - Normal Sample

10/04/94	G94-P0-SS-01	MSMSD141004080401	NA	8.08	8.17	ug/g	101
10/04/94	G94-P0-SS-02	MSMSD141004080401	NA	7.69	7.58	ug/g	99.0

Number of Samples	:	2	Below acceptance :	0
Mean % Recovery	:	100	Above acceptance :	0
Standard Deviation	:	NC	Acceptance Criteria	4-162

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Laboratory Control

10/04/94	LCS946649	MSMSD141004080401	NA	3.33	3.73	ug/g	112
10/04/94	LCSD946649	MSMSD141004080401	NA	3.33	3.33	ug/g	100

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 106 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 18-137

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Matrix Spike

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE ORIG. AMOUNT RESULT %
ANALYZED SAMPLE ID BATCH ID RESULT SPIKED RECOVERED UNIT RECOVERY

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Matrix Spike, cont.

10/04/94 G94-P0-SS-01 MSMSD141004080401 NA 4.04 4.56 ug/g 113 10/04/94 G94-P0-SS-01 MSMSD141004080401 NA 4.04 4.51 ug/g 112

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 113 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 33-141

Method: SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Method Blank

10/04/94 BLK944291 MSMSD141004080401 NA 3.33 3.59 ug/g 108

Number of Samples : 1 Below acceptance : 0 Mean % Recovery : 108 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 33-141

Method : SW8270 - Semivolatile Organics

Spiked Analyte : Terphenyl-d14

Type of Spike : Surrogate - Normal Sample

10/04/94 G94-P0-SS-01 MSMSD141004080401 NA 4.04 4.56 ug/g 113 10/04/94 G94-P0-SS-02 MSMSD141004080401 NA 3.85 4.30 ug/g 112

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 113 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 33-141

Method : SW8280 - Dioxins and Furans

Spiked Analyte : 2,3,7,8-TCDD

Type of Spike : Laboratory Control

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
N-41 CVIDOOS								
riked Analyte : 2,3,7,								
Type of Spike : Labora	-	Π <b>ι.</b>	NCE07141020112401	11.0	1 20	1 11	/	00
10/29/94 10/29/94	LCS946617 LCSD946617		MS597141029113401	NA NA	1.36	1.11	ng/g	82.
10/29/94	LCS947095		MS597141029113401 MS597141031141101	NA NA	1.36 1.36	1.18 1.02	ng/g	87.0
10/31/94	LCSD947095		MS597141031141101 MS597141031141101	NA NA	1.36	1.05	ng/g ng/g	75.( 77.(
Number of S	Samples	: 4		Below accept	ance :	 0		
Mean % Reco	very	: 80.3		Above accept	ance :	0		
Standard De	eviation	: 5.38		Acceptance C	riteria	66-140		
oiked Analyte : C13-1,	· ·	ס						
oiked Analyte : C13-1, Type of Spike : Surrog 10/29/94 10/29/94 10/31/94	2,3,4,6,7,8-HpCDI pate - Laboratory LCS946617 LCSD946617 LCS947095	ס	MS597141029113401 MS597141029113401 MS597141031141101	NA NA NA	2.00 2.00 2.00 2.00	0.676 0.964 1.68	ng/g ng/g ng/g	34.1 4° 84.
oiked Analyte : C13-1, Type of Spike : Surrog 10/29/94 10/29/94 10/31/94 10/31/94	2,3,4,6,7,8-HpCDI late - Laboratory LCS946617 LCSD946617 LCS947095 LCSD947095	O Control	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA	2.00 2.00 2.00	0.964 1.68 1.51	ng/g	34 41 84 76.0
Diked Analyte : C13-1, Type of Spike : Surrog 10/29/94 10/29/94 10/31/94 10/31/94 Number of S	2,3,4,6,7,8-HpCDI pate - Laboratory LCS946617 LCS947095 LCSD947095	Control : 4	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept	2.00 2.00 2.00 ance :	0.964 1.68 1.51	ng/g ng/g	41 84.
iked Analyte : C13-1, ype of Spike : Surrog 10/29/94 10/29/94 10/31/94 10/31/94	2,3,4,6,7,8-HpCDI (ate - Laboratory)  LCS946617  LCS947095  LCSD947095  LCSD947095	O Control	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA	2.00 2.00 2.00 ance :	0.964 1.68 1.51	ng/g ng/g	4° 84.
10/29/94 10/29/94 10/31/94 10/31/94 Number of S	2,3,4,6,7,8-HpCDI (ate - Laboratory)  LCS946617  LCS947095  LCSD947095  LCSD947095	Control  : 4 : 60.5	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 ance :	0.964 1.68 1.51	ng/g ng/g	4° 84.
10/29/94 10/29/94 10/29/94 10/31/94 10/31/94 Number of S Mean % Reco	2,3,4,6,7,8-HpCDI (ate - Laboratory)  LCS946617  LCS947095  LCSD947095  LCSD947095	Control  : 4 : 60.5 : 23.5	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 ance :	0.964 1.68 1.51	ng/g ng/g	4° 84.
iked Analyte : C13-1, ype of Spike : Surrog  10/29/94  10/29/94  10/31/94  10/31/94  Number of S  Mean % Reco Standard De  Method : SW8280 iked Analyte : C13-1,	2,3,4,6,7,8-HpCDI (ate - Laboratory)  LCS946617 LCSD947095 LCSD947095	: 4 : 60.5 : 23.5	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 ance :	0.964 1.68 1.51	ng/g ng/g	4° 84.
piked Analyte : C13-1, ype of Spike : Surrog  10/29/94  10/29/94  10/31/94  10/31/94  Number of S  Mean % Reco Standard De  Method : SW8280 iked Analyte : C13-1, ype of Spike : Surrog	2,3,4,6,7,8-HpCDI (ate - Laboratory)  LCS946617 LCSD946617 LCS947095 LCSD947095	: 4 : 60.5 : 23.5	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept Acceptance C	2.00 2.00 2.00 	0.964 1.68 1.51	ng/g ng/g	4° 84.
iked Analyte : C13-1, ype of Spike : Surrog  10/29/94  10/29/94  10/31/94  10/31/94  Number of S  Mean % Reco Standard De  Method : SW8280 iked Analyte : C13-1, ype of Spike : Surrog	2,3,4,6,7,8-HpCDI (ate - Laboratory  LCS946617 LCS947095 LCSD947095 LCSD947095  camples (very (viation)  1 - Dioxins and Ft 2,3,4,6,7,8-HpCDI (ate - Method Blar	: 4 : 60.5 : 23.5	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept Acceptance C	2.00 2.00 2.00 	0.964 1.68 1.51 	ng/g ng/g ng/g	49 84. 76.1

Mean % Recovery

Standard Deviation

: 64.0

: NC

Above acceptance : 0

Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans spiked Analyte : C13-1,2,3,4,6,7,8-HpC0D Type of Spike : Surrogate - Normal Sample	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVER
Type of Spike : Surrogate - Normal Sample  10/29/94									
Type of Spike : Surrogate - Normal Sample  10/29/94	Method : SW82	280 - Dioxins and H	Furans						
10/29/94 694-01-HA-12-01 MS597141029113401 NA 2.17 1.89 ng/g 87 10/29/94 694-01-HA-12-02 MS597141029113401 NA 2.71 2.39 ng/g 88 10/29/94 694-01-HA-13-01 MS597141029113401 NA 2.26 1.90 ng/g 84 10/29/94 694-01-HA-13-02 MS597141029113401 NA 2.26 1.90 ng/g 87 10/31/94 694-01-HA-13-02 MS597141031141101 NA 2.72 2.50 (X) ng/g 92    Number of Samples : 6 Below acceptance : 0 Above acceptance : 0 Standard Deviation : 2.97 Acceptance Criteria 40-120    Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Laboratory Control    Number of Samples									
10/29/94	10/29/94	G94-01-HA-1	11-01	MS597141029113401	NA	2.17	1.83	ng/g	84
10/29/94	10/29/94	G94-01-HA-1	12-01	MS597141029113401	NA	2.17	1.89	ng/g	87
10/29/94 694-01-HA-13-02 MS597141029113401 NA 2.24 1.94 ng/g 87 10/31/94 694-01-HA-11-02 MS597141031141101 NA 2.72 2.50 (X) ng/g 92  Number of Samples : 6 Below acceptance : 0 Mean % Recovery : 87.0 Above acceptance : 0 Standard Deviation : 2.97 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans ipiked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Laboratory Control  10/29/94 LCS946617 MS597141029113401 NA 2.00 0.873 ng/g 44 10/29/94 LCS947095 MS597141031141101 NA 2.00 1.68 ng/g 82 10/31/94 LCS947095 MS597141031141101 NA 2.00 1.66 ng/g 83  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 65.8 Above acceptance : 0 Mean % Recovery : 65.8 Above acceptance : 0 Standard Deviation : 20.8 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 . MS597141029113401 NA 2.00 1.35 ng/g 67.	10/29/94	G94-01-HA-1	12-02	MS597141029113401	NA	2.71	2.39	ng/g	88
Number of Samples	10/29/94	G94-01-HA-1	13-01	MS597141029113401	NA	2.26	1.90	ng/g	84
Number of Samples	10/29/94	G94-01-HA-1	13-02	MS597141029113401	NA	2.24	1.94	ng/g	87
Method: SW8280 - Dioxins and Furans Spiked Analyte: C13-1,2,3,4,6,7,8-HpCDF Type of Spike: Surrogate - Laboratory Control  10/29/94	10/31/94	G94-01-HA-1	11-02	MS597141031141101	NA	2.72	2.50 (X)	ng/g	92
Method : SW8280 - Dioxins and Furans   Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF   Type of Spike : Surrogate - Laboratory Control					-				
Method: SW8280 - Dioxins and Furans piked Analyte: C13-1,2,3,4,6,7,8-HpCDF Type of Spike: Surrogate - Laboratory Control  10/29/94		-							
### Spiked Analyte : C13-1,2,3,4,6,7,8-HpCDF   Type of Spike : Surrogate - Laboratory Control	Standard	Deviation	: 2.97	•	Acceptance (	Criteria	40-120		
10/29/94 LCSD946617 MS597141029113401 NA 2.00 1.05 ng/g 52 10/31/94 LCS947095 MS597141031141101 NA 2.00 1.68 ng/g 84 10/31/94 LCSD947095 MS597141031141101 NA 2.00 1.66 ng/g 83  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 65.8 Above acceptance : 0 Standard Deviation : 20.8 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67.									
10/31/94	Spiked Analyte : C13-	1,2,3,4,6,7,8-HpC	)F						
10/31/94 LCSD947095 MS597141031141101 NA 2.00 1.66 ng/g 83  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 65.8 Above acceptance : 0 Standard Deviation : 20.8 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67.	Spiked Analyte : C13- Type of Spike : Surr 10/29/94	1,2,3,4,6,7,8-HpCC ogate - Laboratory LCS946617	)F		NA			ng/g	44.
Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 65.8 Above acceptance : 0 Standard Deviation : 20.8 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67.	Spiked Analyte : C13- Type of Spike : Surr 10/29/94 10/29/94	1,2,3,4,6,7,8-HpCD ogate - Laboratory LCS946617 LCSD946617	)F	MS597141029113401	NA	2.00	1.05	ng/g	44. 52.
Mean % Recovery : 65.8 Above acceptance : 0 Standard Deviation : 20.8 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67.	piked Analyte : C13- Type of Spike : Surr 10/29/94 10/29/94 10/31/94	1,2,3,4,6,7,8-HpCD ogate - Laboratory LCS946617 LCSD946617	)F	MS597141029113401 MS597141031141101	NA NA	2.00	1.05 1.68	ng/g	52. 84.
Standard Deviation : 20.8 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67.	piked Analyte : C13- Type of Spike : Surr 10/29/94 10/29/94 10/31/94	1,2,3,4,6,7,8-HpCC ogate - Laboratory LCS946617 LCSD946617 LCS947095	)F	MS597141029113401 MS597141031141101	NA NA	2.00 2.00	1.05 1.68	ng/g ng/g	52.
Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank 10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67.	Spiked Analyte : C13- Type of Spike : Surr 10/29/94 10/29/94 10/31/94	1,2,3,4,6,7,8-HpCC ogate - Laboratory	OF y Control	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA	2.00 2.00 2.00	1.05 1.68 1.66	ng/g ng/g	52. 84.
piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67.	Spiked Analyte : C13- Type of Spike : Surr 10/29/94 10/29/94 10/31/94 10/31/94	1,2,3,4,6,7,8-HpCC ogate - Laboratory	OF y Control .	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA  Below accept	2.00 2.00 2.00 :ance :	1.05 1.68 1.66	ng/g ng/g	52. 84.
piked Analyte : C13-1,2,3,4,6,7,8-HpCDF Type of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67	Spiked Analyte : C13- Type of Spike : Surr 10/29/94 10/29/94 10/31/94 10/31/94 Number of Mean % Re	1,2,3,4,6,7,8-HpCD ogate - Laboratory	DF y Control : 4 : 65.8	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept	2.00 2.00 2.00 :ance :	1.05 1.68 1.66	ng/g ng/g	52 84
Type of Spike : Surrogate - Method Blank 10/29/94 BLK944271 MS597141029113401 NA 2.00 1.35 ng/g 67	piked Analyte : C13- Type of Spike : Surr 10/29/94 10/29/94 10/31/94 10/31/94 	1,2,3,4,6,7,8-HpCD ogate - Laboratory	DF y Control : 4 : 65.8	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept	2.00 2.00 2.00 :ance :	1.05 1.68 1.66	ng/g ng/g	52 84
	piked Analyte : C13- Type of Spike : Surr  10/29/94 10/29/94 10/31/94 10/31/94	1,2,3,4,6,7,8-HpCE cogate - Laboratory  LCS946617 LCSD946617 LCS947095 LCSD947095 Samples covery Deviation	Eurans	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept	2.00 2.00 2.00 :ance :	1.05 1.68 1.66	ng/g ng/g	52 84
,	piked Analyte : C13- Type of Spike : Surr  10/29/94 10/29/94 10/31/94 10/31/94	LCS946617 LCS946617 LCS947095 LCSD947095 LCSD947095 Samples covery Deviation	CF y Control  : 4 : 65.8 : 20.8	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept	2.00 2.00 2.00 :ance :	1.05 1.68 1.66	ng/g ng/g	52 84
	Type of Spike : C13- Type of Spike : Surr  10/29/94 10/29/94 10/31/94 10/31/94  Number of Mean % Re Standard  Method : SW82 piked Analyte : C13- Type of Spike : Surr	1.2.3.4.6.7.8-HpCD ogate - Laboratory LCS946617 LCS947095 LCSD947095 LCSD947095 	CF y Control  : 4 : 65.8 : 20.8	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept Acceptance (	2.00 2.00 2.00 cance: cance:	1.05 1.68 1.66 0 0 40-120	ng/g ng/g ng/g	52. 84.

Number of Samples : 2 Below acceptance : 0
Mean % Recovery : 69.5 Above acceptance : 0
Standard Deviation : NC Acceptance Criteria 40-120

Date Compiled: 22 March 1995 ND = Not Detected

d NC = Not Calculable

NS = Not Specified

ARIALVZED	CAMPIE ID		DATCH ID	ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID		BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOV
	) - Dioxins and Fu							
ked Analyte : C13-1, se of Spike : Surrog	•							
10/29/94	G94-01-HA-11	-01	MS597141029113401	NA	2.17	1.79	ng/g	8
10/29/94	G94-01-HA-12	-01	MS597141029113401	NA	2.17	1.70	ng/g	7
10/29/94	G94-01-HA-12		MS597141029113401		2.71	2.17	ng/g	8
10/29/94	G94-01-HA-13		MS597141029113401		2.26	1.80	ng/g	8
10/29/94	G94-01-HA-13		MS597141029113401		2.24	1.97	ng/g	8
10/31/94	G94-01-HA-11	-02 	MS597141031141101	NA 	2.72	2.19 (X)	ng/g	8
Number of S		: 6		Below accept		0		
Mean % Reco	•	: 81.3		Above accept		0		
Standard De	viation	: 3.50		Acceptance C	riteria 4	10-120		
be of Spike : Surrog	ate - Laboratory	Control						
10/29/94	LCS946617		MS597141029113401	. NA	2.00	1.14		
10/29/94	LCSD946617		MS597141029113401				ng/g	į
				NA	2.00	1.25	ng/g ng/g	<del>(</del>
10/31/94	LCS947095		MS597141031141101	NA	2.00	1.80		
	LCS947095 LCSD947095						ng/g	9
10/31/94 10/31/94 Number of S	LCSD947095 amples	: 4	MS597141031141101	NA NA Below accept	2.00 2.00 ance :	1.80 1.69	ng/g ng/g	9
10/31/94 10/31/94 Number of So Mean % Reco	LCSD947095 amples very	: 73.3	MS597141031141101	NA NA Below accept Above accept	2.00 2.00  ance : ance :	1.80 1.69 0	ng/g ng/g	9
10/31/94 10/31/94 Number of S	LCSD947095 amples very		MS597141031141101	NA NA Below accept	2.00 2.00  ance : ance :	1.80 1.69	ng/g ng/g	9
10/31/94 10/31/94  Number of So Mean % Reco	LCSD947095 amples very	: 73.3	MS597141031141101	NA NA Below accept Above accept	2.00 2.00  ance : ance :	1.80 1.69 0	ng/g ng/g	9
10/31/94 10/31/94 Number of S Mean % Reco Standard De	LCSD947095 amples very viation	: 73.3 : 16.2	MS597141031141101	NA NA Below accept Above accept	2.00 2.00  ance : ance :	1.80 1.69 0	ng/g ng/g	•
10/31/94 10/31/94 	LCSD947095 amples very viation - Dioxins and Fu	: 73.3 : 16.2	MS597141031141101	NA NA Below accept Above accept	2.00 2.00  ance : ance :	1.80 1.69 0	ng/g ng/g	9
10/31/94 10/31/94 Number of S Mean % Reco Standard De	LCSD947095 amples very viation  - Dioxins and Fu 2,3,4,7,8-HxCDD	: 73.3 : 16.2	MS597141031141101	NA NA Below accept Above accept	2.00 2.00  ance : ance :	1.80 1.69 0	ng/g ng/g	9
10/31/94 10/31/94 10/31/94 Number of Some Mean % Recomposition of Standard Device Standard Device Standard Device Standard Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Standard Device Sta	LCSD947095 amples very viation  - Dioxins and Fu 2,3,4,7,8-HxCDD ate - Method Bland BLK944271	: 73.3 : 16.2	MS597141031141101	NA NA Below accept Above accept	2.00 2.00  ance : ance :	1.80 1.69 0	ng/g ng/g	§ 8
10/31/94 10/31/94	LCSD947095 amples very viation  - Dioxins and Fu 2,3,4,7,8-HxCDD ate - Method Blank	: 73.3 : 16.2	MS597141031141101	NA NA Below accept Above accept Acceptance C	2.00 2.00 	1.80 1.69 0 0 40-120	ng/g ng/g ng/g	5 6 8 8
10/31/94 10/31/94 Number of Some Mean % Recomposition of Standard Device Analyte: C13-1,3 The of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Surrogation of Spike: Spike: Surrogation of Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Spike: Sp	LCSD947095	: 73.3 : 16.2	MS597141031141101 MS597141031141101  MS597141029113401	NA NA Below accept Above accept Acceptance C	2.00 2.00 	1.80 1.69 0 0 40-120	ng/g ng/g ng/g	§ 8 
10/31/94 10/31/94 10/31/94 Number of S. Mean % Recor Standard Der Method : SW8280 ed Analyte : C13-1, e of Spike : Surroga 10/29/94 10/31/94	LCSD947095	: 73.3 : 16.2 rans	MS597141031141101 MS597141031141101  MS597141029113401	NA NA Below accept Above accept Acceptance C	2.00 2.00 	1.80 1.69 0 0 10-120	ng/g ng/g ng/g	

Acceptance Criteria 40-120

: NC

Standard Deviation

	SAMPLE	ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVERY
		<b></b>						
Method : SW8	3280 - Dioxins a	nd Furans						
piked Analyte : C13								
Type of Spike : Sur	rrogate - Normal	Sample						
10/29/94	G94-01-	HA-11-01	MS597141029113401	NA	2.17	2.05	ng/g	94.0
10/29/94		HA-12-01	MS597141029113401	NA	2.17	1.98	ng/g	91.
10/29/94	G94-01-	HA-12-02	MS597141029113401	NA	2.71	2.66	ng/g	98.0
10/29/94	G94-01-	HA-13-01	MS597141029113401	NA	2.26	2.01	ng/g	89.0
10/29/94	G94-01-I	HA-13-02	MS597141029113401	NA	2.24	3.25	ng/g	145
10/31/94	G94-01-I	HA-11-02	MS597141031141101	NA	2.72	2.38 (X)	ng/g	88.0
Number o	of Samples	: 6		Below accept	ance :	0		
Mean % F	•	: 101		Above accept		1		
	Deviation	: 21.9		Acceptance C		40-120		
•	3-1,2,3,4,7,8-Hx(							
Type of Spike : Sur		tory Control	MS597141029113401	NA	2.00	1.26	ng/g	63.0
Type of Spike : Sur	rrogate - Laborat	tory Control	MS597141029113401 MS597141029113401	NA NA	2.00 2.00	1.26 1.37	ng/g ng/g	
Type of Spike : Sur	rrogate - Laborai LCS9466	tory Control						63.0 68.0 91.0
Type of Spike : Sur 10/29/94 10/29/94	rogate - Laborai LCS9466: LCSD9466	tory Control  17 617	MS597141029113401	NA	2.00	1.37	ng/g	68.0
Type of Spike : Sur 10/29/94 10/29/94 10/31/94 10/31/94	rogate - Laborat LCS9466: LCSD9466 LCS94708	tory Control  17 617	MS597141029113401 MS597141031141101 MS597141031141101	NA NA	2.00 2.00 2.00	1.37 1.82	ng/g ng/g	68.0 91.0
Type of Spike : Sur 10/29/94 10/29/94 10/31/94 10/31/94	CS94662 LCS94662 LCSD9466 LCS94709 LCSD9470	tory Control 17 617 95 095	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA	2.00 2.00 2.00 ance :	1.37 1.82 1.72	ng/g ng/g	68.0 91.0
Type of Spike : Sur 10/29/94 10/29/94 10/31/94 10/31/94 	CS94662 LCS94662 LCSD9466 LCS94709 LCSD9470	tory Control 17 617 95 9954	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept	2.00 2.00 2.00 	1.37 1.82 1.72	ng/g ng/g	68.0 91.0
Type of Spike : Sur  10/29/94 10/29/94 10/31/94 10/31/94  Number of Mean % R Standard  Method : SW8 piked Analyte : C13 Type of Spike : Sur	LCS9466: LCS94706 LCSD94706 LCSD94707 LCSD94707 LCSD94707 LCSD94707 LCSD94707 LCSD94707 LCSD94707 LCSD94707 LCSD94707 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD94708 LCSD9470	tory Control  17 517 95 995	MS597141029113401 MS597141031141101 MS597141031141101	NA NA Selow accept Above accept Acceptance C	2.00 2.00 2.00 	1.37 1.82 1.72 0 0 40-120	ng/g ng/g ng/g	68.0 91.0 86.0
Type of Spike : Sur  10/29/94  10/29/94  10/31/94  10/31/94  Number of Mean % R Standard  Method : SW8	LCS94663 LCS94663 LCS94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703 LCSD94703	tory Control  17 517 95 95	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 	1.37 1.82 1.72	ng/g ng/g	68.0 91.0

DATE			ORIG.	AMOUNT	AMOUNT	RESULT	%
ANALYZED	SAMPLE ID	BATCH ID	RESULT	SPIKED	RECOVERED	UNIT	RECOVERY
Method : SW8280	) - Dioxins and Furans						
Spiked Analyte : C13-1,							
Type of Spike : Surrog							
			81 A	0 17	0.00	,	00.0
10/29/94	G94-01-HA-11-01	MS597141029113401	NA	2.17	2.08	ng/g	96.0
10/29/94 10/29/94	G94-01-HA-11-01 G94-01-HA-12-01	MS597141029113401 MS597141029113401	NA NA	2.17	2.08	ng/g ng/g	101
, ,						- ·	
10/29/94	G94-01-HA-12-01	MS597141029113401	NA	2.17	2.19	ng/g	101
10/29/94 10/29/94	G94-01-HA-12-01 G94-01-HA-12-02	MS597141029113401 MS597141029113401	NA NA	2.17 2.71	2.19 2.71	ng/g ng/g	101 100

Above acceptance :

Acceptance Criteria 40-120

Method: SW8280 - Dioxins and Furans

Standard Deviation : 4.00

Spiked Analyte : C13-1,2,3,7,8-PeCDD

Mean % Recovery

Type of Spike : Surrogate - Laboratory Control

10/29/94	LCS946617	MS597141029113401	NA	2.00	1.23	ng/g	62.
10/29/94	LCSD946617	MS597141029113401	NA	2.00	1.26	ng/g	63.0
10/31/94	LCS947095	MS597141031141101	NA	2.00	1.63	ng/g	81.0
10/31/94	LCSD947095	MS597141031141101	NA	2.00	1.43	ng/g	72.0

Mean % Recovery : 69.5
Standard Deviation : 8.80 Below acceptance : 0 Above acceptance : 0

: 97.0

Acceptance Criteria 40-120

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-1,2,3,7,8-PeCDD Type of Spike : Surrogate - Method Blank

10/29/94	BLK944271	MS597141029113401	NA	2.00	1.50	ng/g	75.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.37	ng/g	69.0

: 2 Number of Samples Below acceptance : 0 Mean % Recovery : 72.0 Above acceptance: 0

: NC Standard Deviation Acceptance Criteria 40-120

	ANALYZÉD	SAMPLE ID			BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% Recover
М	lethod : SW8280	- Dioxins and	Furan	s						
•	alyte : C13-1,2 Spike : Surroga		ample				_			
	10/29/94	G94-01-HA-	-11-01		MS597141029113401	NA	2.17	2.11	ng/g	97.
	10/29/94	G94-01-HA			MS597141029113401	NA NA	2.17	2.05	ng/g	95.
	10/29/94	G94-01-HA-			MS597141029113401	NA NA	2.71	2.66	ng/g	98.
	10/29/94	G94-01-HA-			MS597141029113401	NA NA	2.26	1.97	ng/g	87.
		G94-01-HA-			MS597141029113401	NA NA	2.24	1.97	ng/g	88.
	10/29/94 10/31/94	G94-01-HA-			MS597141029113401 MS597141031141101		2.72	2.17 (X)	ng/g ng/g	80.
	10/01/04	U34-U1-IIA-	11 01		1100071-11001111101	NA	2.72			
	Number of Sa	amples	<b>-</b>	6		Below accepta	 ance :	0		
		amples very viation	: :	6 90.8 7.03	·		ance :			
piked Ana	Number of Sa Mean % Recov Standard Dev Standard Standard Dev ethod : SW8280 alyte : C13-1,2	emples very viation  - Dioxins and 2,3,7,8-PeCDF	: : :	6 90.8 7.03	·	Below accepta	ance :	o o		
piked Ana	Number of Sa Mean % Recov Standard Dev ethod : SW8280 alyte : C13-1,2 Spike : Surroga	emples very viation  - Dioxins and 2,3,7,8-PeCDF ate - Laborator	: : :	6 90.8 7.03		Below accept Above accept Acceptance C	ance : ance : riteria 4	0 0 0 0-120		
Spiked Ana	Number of Sa Mean % Recov Standard Dev ethod : SW8280 alyte : C13-1,2 Spike : Surroga	amples very viation  - Dioxins and 2,3,7,8-PeCDF ate - Laborator	: : : Furan	6 90.8 7.03	MS597141029113401	Below accept: Above accept: Acceptance C	ance: ance: riteria 4	0 0 0 0-120	ng/g	
Spiked Ana	Number of Sa Mean % Recov Standard Dev ethod : SW8280 alyte : C13-1,2 Spike : Surroga 10/29/94 10/29/94	amples very viation  - Dioxins and 2,3,7,8-PeCDF ate - Laborator LCS946617 LCSD946617	: : : Furan	6 90.8 7.03	MS597141029113401 MS597141029113401	Below accept: Above accept: Acceptance Ci	ance : ance : riteria 4	0 0 0 0-120	ng/g	72.0 74.0
piked Ana	Number of Sa Mean % Recov Standard Dev Standard Dev ethod : SW8280 alyte : C13-1,2 Spike : Surroga 10/29/94 10/29/94 10/31/94	emples very viation  - Dioxins and 2,3,7,8-PeCDF ate - Laborator  LCS946617 LCSD946617 LCS947095	: : : Furan ry Con	6 90.8 7.03	MS597141029113401 MS597141029113401 MS597141031141101	Below accepta Above accepta Acceptance Co	2.00 2.00 2.00	1.45 1.48 2.22	ng/g ng/g	74. 11
piked Ana	Number of Sa Mean % Recov Standard Dev ethod : SW8280 alyte : C13-1,2 Spike : Surroga 10/29/94 10/29/94	amples very viation  - Dioxins and 2,3,7,8-PeCDF ate - Laborator LCS946617 LCSD946617	: : : Furan ry Con	6 90.8 7.03	MS597141029113401 MS597141029113401	Below accept: Above accept: Acceptance Ci	ance : ance : riteria 4	0 0 0 0-120	ng/g	74. 11
piked Ana	Number of Sa Mean % Recov Standard Dev Standard Dev ethod : SW8280 alyte : C13-1,2 Spike : Surroga 10/29/94 10/29/94 10/31/94	amples very viation  - Dioxins and 2,3,7,8-PeCDF ate - Laborator  LCS946617 LCS947095 LCSD947095	: : : Furan ry Con	6 90.8 7.03	MS597141029113401 MS597141029113401 MS597141031141101 MS597141031141101	Below accepta Above accepta Acceptance Co	2.00 2.00 2.00 2.00 2.00	1.45 1.48 2.22	ng/g ng/g	
piked Ana	Number of Sa Mean % Recov Standard Dev ethod : SW8280 alyte : C13-1,2 Spike : Surroga 10/29/94 10/29/94 10/31/94	amples very viation  - Dioxins and 2,3,7,8-PeCDF ate - Laborator  LCS946617 LCS947095 LCSD947095	: : : : Furan ry Con	6 90.8 7.03	MS597141029113401 MS597141029113401 MS597141031141101 MS597141031141101	Below accepta Above accepta Acceptance Co	2.00 2.00 2.00 2.00 2.00	1.45 1.48 2.22 1.80	ng/g ng/g	74. 11

Number of Samples : 2
Mean % Recovery : 91.0
Standard Deviation : NC Below acceptance : 0
Above acceptance : 0 Acceptance Criteria 40-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

Method : SW8280 - Dioxins and Furans piked Analyte : C13-1,2,3,7,8-PeCDF Type of Spike : Surrogate - Normal Sample  10/28/94	DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
iked Analyte : C13-1,2,3,7,8-PeCDF ype of Spike : Surrogate - Normal Sample    10/29/94				~~~~					
Red Analyte : C13-1,2,3,7,8-PeCDF   Rpe of Spike : Surrogate - Normal Sample   10/29/94   694-01-HA-11-01   MS597141029113401   NA   2.17   2.22   ng/g   10/29/94   694-01-HA-12-02   MS597141029113401   NA   2.17   2.28   ng/g   10/29/94   694-01-HA-12-02   MS597141029113401   NA   2.71   2.79   ng/g   10/29/94   694-01-HA-13-01   MS597141029113401   NA   2.26   2.20   ng/g   10/29/94   694-01-HA-13-02   MS597141029113401   NA   2.24   2.33   ng/g   10/31/94   694-01-HA-13-02   MS597141029113401   NA   2.24   2.33   ng/g   10/31/94   694-01-HA-11-02   MS597141029113401   NA   2.72   2.65 (X)   ng/g   Number of Samples   6   Below acceptance : 0   Mean % Recovery   10/2   Above acceptance : 0   Acceptance Criteria   40-120   Acceptan	Method : SW8280	- Dioxins and F	urans						
10/29/94	ked Analyte : C13-1,	2,3,7.8-PeCDF							
10/29/94	10/29/94	G94-01-HA-1	1-01	MS597141029113401	NA	2.17	2.22	ng/g	1
10/29/94 694-01-HA-13-01 MS597141029113401 NA 2.26 2.20 ng/g 10/28/94 694-01-HA-13-02 MS597141029113401 NA 2.24 2.33 ng/g 10/31/94 694-01-HA-11-02 MS597141031141101 NA 2.72 2.65 (X) ng/g  Number of Samples : 6 Below acceptance : 0 Mean % Recovery : 102 Above acceptance : 0 Standard Deviation : 3.06 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans ked Analyte : C13-2.3,7,8-TCDD pe of Spike : Surrogate - Laboratory Control  10/29/94 LCS946617 MS597141029113401 NA 2.00 1.36 ng/g 10/31/94 LCS947095 MS597141031141101 NA 2.00 1.87 ng/g 10/31/94 LCS947095 MS597141031141101 NA 2.00 1.64 ng/g  Number of Samples : 4 Mean % Recovery : 80.3 Above acceptance : 0 Mean % Recovery : 80.3 Above acceptance : 0 Mean % Recovery : 80.3 Above acceptance : 0 Mean % Recovery : 80.3 Above acceptance : 0 Method : SW8280 - Dioxins and Furans ked Analyte : C13-2,3,7,8-TCDD pe of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	10/29/94	G94-01-HA-1	2-01	MS597141029113401	NA	2.17	2.28	ng/g	
10/29/94	10/29/94	G94-01-HA-1	2-02	MS597141029113401	NA	2.71	2.79	ng/g	:
10/31/94   694-01-HA-11-02   MS597141031141101   NA   2.72   2.65 (X)   ng/g	10/29/94	G94-01-HA-1	.3-01	MS597141029113401	NA	2.26	2.20	ng/g	98
Number of Samples : 6 Below acceptance : 0 Mean % Recovery : 102 Above acceptance : 0 Standard Deviation : 3.06 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans ked Analyte : C13-2,3,7,8-TCDD ripe of Spike : Surrogate - Laboratory Control  10/29/94 LCS946617 MS597141029113401 NA 2.00 1.56 ng/g 10/29/94 LCS946617 MS597141029113401 NA 2.00 1.36 ng/g 10/31/94 LCS947095 MS597141031141101 NA 2.00 1.87 ng/g 10/31/94 LCSD947095 MS597141031141101 NA 2.00 1.64 ng/g  Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 80.3 Above acceptance : 0 Standard Deviation : 10.3 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans ked Analyte : C13-2,3,7,8-TCDD pe of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	10/29/94	G94-01-HA-1	3-02	MS597141029113401	NA	2.24	2.33	ng/g	;
Mean % Recovery : 102	10/31/94	G94-01-HA-1	1-02	MS597141031141101	NA 	2.72	2.65 (X)	ng/g	9, 
Method : SW8280 - Dioxins and Furans ked Analyte : C13-2,3,7,8-TCDD pe of Spike : Surrogate - Laboratory Control  10/29/94		-							
Method: SW8280 - Dioxins and Furans ked Analyte: Cl3-2,3,7,8-TCDD pe of Spike: Surrogate - Laboratory Control  10/29/94		•			•				
ked Analyte : C13-2,3,7,8-TCDD pe of Spike : Surrogate - Laboratory Control  10/29/94	Standard De	viation	: 3.06		Acceptance C	riteria 4	10-120		
10/29/94			urans						
10/31/94	ked Analyte : C13-2,	3,7,8-TCDD							
10/31/94   LCSD947095   MS597141031141101   NA   2.00   1.64   ng/g	ked Analyte : C13-2, pe of Spike : Surrog	3,7,8-TCDD ate - Laboratory		MS597141029113401	<b>NA</b>	2.00	1.56	ng/g	78
Number of Samples : 4 Below acceptance : 0 Mean % Recovery : 80.3 Above acceptance : 0 Standard Deviation : 10.3 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans ked Analyte : C13-2,3,7,8-TCDD pe of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	ked Analyte : C13-2, pe of Spike : Surrog 10/29/94	3,7,8-TCDD ate - Laboratory LCS946617							78 68
Mean % Recovery : 80.3 Above acceptance : 0 Standard Deviation : 10.3 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans ked Analyte : C13-2,3,7,8-TCDD pe of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	ked Analyte : C13-2, pe of Spike : Surrog 10/29/94 10/29/94	3,7,8-TCDD ate - Laboratory LCS946617 LCSD946617		MS597141029113401	NA	2.00	1.36	ng/g	
Standard Deviation : 10.3 Acceptance Criteria 40-120  Method : SW8280 - Dioxins and Furans  ked Analyte : C13-2,3,7,8-TCDD  pe of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	ked Analyte : C13-2, pe of Spike : Surrog 10/29/94 10/29/94 10/31/94	3,7,8-TCDD ate - Laboratory LCS946617 LCSD946617 LCS947095		MS597141029113401 MS597141031141101	NA NA	2.00 2.00	1.36 1.87	ng/g ng/g	93
Method : SW8280 - Dioxins and Furans ked Analyte : C13-2,3,7,8-TCDD pe of Spike : Surrogate - Method Blank 10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	ked Analyte : C13-2, pe of Spike : Surrog 10/29/94 10/29/94 10/31/94 10/31/94 Number of S	3,7,8-TCDD ate - Laboratory	Control	MS597141029113401 MS597141031141101	NA NA NA Below accept	2.00 2.00 2.00 	1.36 1.87 1.64	ng/g ng/g	93
ked Analyte : C13-2,3,7,8-TCDD  pe of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	ked Analyte : C13-2, pe of Spike : Surrog  10/29/94 10/29/94 10/31/94 10/31/94 Number of S Mean % Reco	3,7,8-TCDD  ate - Laboratory	: 4 : 80.3	MS597141029113401 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 	1.36 1.87 1.64 0 0	ng/g ng/g	93
ked Analyte : C13-2,3,7,8-TCDD  De of Spike : Surrogate - Method Blank  10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	ked Analyte : C13-2, pe of Spike : Surrog 10/29/94 10/29/94 10/31/94 10/31/94 Number of S Mean % Reco	3,7,8-TCDD  ate - Laboratory	: 4 : 80.3	MS597141029113401 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 	1.36 1.87 1.64 0 0	ng/g ng/g	93
pe of Spike : Surrogate - Method Blank 10/29/94 BLK944271 MS597141029113401 NA 2.00 1.56 ng/g	ked Analyte : C13-2, pe of Spike : Surrog 10/29/94 10/29/94 10/31/94 10/31/94  Number of S Mean % Reco	3,7,8-TCDD  ate - Laboratory	: 4 : 80.3	MS597141029113401 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 	1.36 1.87 1.64 0 0	ng/g ng/g	93
	ked Analyte : C13-2, pe of Spike : Surrog 10/29/94 10/29/94 10/31/94 10/31/94 Number of S Mean % Reco Standard De	3,7,8-TCDD ate - Laboratory  LCS946617 LCSD946617 LCS947095 LCSD947095amples very viation	: 4 : 80.3 : 10.3	MS597141029113401 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 	1.36 1.87 1.64 0 0	ng/g ng/g	9;
10/31/94 BLK944485 MS597141031141101 NA 2.00 1.52 ng/g	ked Analyte : C13-2, pe of Spike : Surrog  10/29/94 10/29/94 10/31/94 10/31/94 Number of S. Mean % Reco Standard De  Method : SW8280 ked Analyte : C13-2,	3,7,8-TCDD ate - Laboratory  LCS946617 LCSD946617 LCS947095 LCSD947095 amples very viation  - Dioxins and F 3,7,8-TCDD	: 4 : 80.3 : 10.3	MS597141029113401 MS597141031141101	NA NA NA Below accept Above accept	2.00 2.00 2.00 	1.36 1.87 1.64 0 0	ng/g ng/g	93
	ked Analyte : C13-2, pe of Spike : Surrog  10/29/94 10/29/94 10/31/94 10/31/94	3,7,8-TCDD ate - Laboratory  LCS946617 LCSD946617 LCS947095 LCSD947095 amples very viation  - Dioxins and F 3,7,8-TCDD ate - Method Bla	: 4 : 80.3 : 10.3	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA Below accept Above accept Acceptance C	2.00 2.00 2.00 	1.36 1.87 1.64 	ng/g ng/g ng/g	78 68 93 82

Mean % Recovery

Standard Deviation

: 77.0

: NC

0

Acceptance Criteria 40-120

Above acceptance :

SAMPLE ID  80 - Dioxins and Fura 2,3,7,8-TCDD  19gate - Normal Sample  694-01-HA-11-0  694-01-HA-12-0  694-01-HA-13-0  694-01-HA-11-0  594-01-HA-11-0  994-01-HA-11-0  994-01-HA-11-0	MS59714102911 01 MS59714102911 02 MS59714102911 01 MS59714102911 02 MS59714102911	3401 NA 3401 NA 3401 NA 3401 NA	2.17 2.17 2.17 2.71 2.26	2.19 2.25 2.84 2.01	ng/g ng/g ng/g	10 10
94-01-HA-11-0 694-01-HA-12-0 694-01-HA-12-0 694-01-HA-13-0 694-01-HA-13-0 694-01-HA-11-0 Samples :	MS59714102911 01 MS59714102911 02 MS59714102911 01 MS59714102911 02 MS59714102911	3401 NA 3401 NA 3401 NA 3401 NA	2.17 2.71 2.26	2.25 2.84	ng/g ng/g	1
94-01-HA-11-0 694-01-HA-12-0 694-01-HA-12-0 694-01-HA-13-0 694-01-HA-13-0 694-01-HA-11-0 Samples :	MS59714102911 01 MS59714102911 02 MS59714102911 01 MS59714102911 02 MS59714102911	3401 NA 3401 NA 3401 NA 3401 NA	2.17 2.71 2.26	2.25 2.84	ng/g ng/g	1
G94-01-HA-11-0 G94-01-HA-12-0 G94-01-HA-12-0 G94-01-HA-13-0 G94-01-HA-13-0 G94-01-HA-11-0	01 MS59714102911 01 MS59714102911 02 MS59714102911 01 MS59714102911 02 MS59714102911	3401 NA 3401 NA 3401 NA 3401 NA	2.17 2.71 2.26	2.25 2.84	ng/g ng/g	1
G94-01-HA-11-0 G94-01-HA-12-0 G94-01-HA-13-0 G94-01-HA-13-0 G94-01-HA-11-0	01 MS59714102911 01 MS59714102911 02 MS59714102911 01 MS59714102911 02 MS59714102911	3401 NA 3401 NA 3401 NA 3401 NA	2.17 2.71 2.26	2.25 2.84	ng/g ng/g	1
G94-01-HA-12-0 G94-01-HA-12-0 G94-01-HA-13-0 G94-01-HA-11-0 	01 MS59714102911 02 MS59714102911 01 MS59714102911 02 MS59714102911	3401 NA 3401 NA 3401 NA 3401 NA	2.17 2.71 2.26	2.25 2.84	ng/g ng/g	1
G94-01-HA-12-0 G94-01-HA-13-0 G94-01-HA-13-0 G94-01-HA-11-0 	02 MS59714102911 01 MS59714102911 02 MS59714102911	3401 NA 3401 NA 3401 NA	2.71 2.26	2.84	ng/g ng/g	
G94-01-HA-13-0 G94-01-HA-13-0 G94-01-HA-11-0 Samples :	01 MS59714102911 02 MS59714102911	3401 NA 3401 NA	2.26		ng/g	1
G94-01-HA-13-0 G94-01-HA-11-0 	MS59714102911	3401 NA		2.01	,	
G94-01-HA-11-0  Samples :			2 24		ng/g	89
Samples :	02 MS59714103114	1101 NA	2.24	2.10	ng/g	94.
		1101 114	2.72	2.58 (X)	ng/g	95
OVERV .	: 6	Below accept	cance :	0		
overy :	: 98.0	Above accept	ance:	0		
eviation :	: 6.32	Acceptance (	Criteria	40-120		
,3,7,8-TCDF						
						75.
LCS946617	MS59714102911	3401 NA	2.00	1.50	ng/g	75.
	MS59714102911: MS59714102911:		2.00 2.00	1.50 1.43	ng/g ng/g	73. 72.
LCS946617		3401 NA			ng/g ng/g ng/g	
LCS946617 LCSD946617	MS597141029113	3401 NA 1101 NA	2.00	1.43	ng/g	72.
LCS946617 LCSD946617 LCS947095	MS597141029113 MS59714103114	3401 NA 1101 NA	2.00 2.00 2.00	1.43 1.94	ng/g ng/g	72. 97.
LCS946617 LCSD946617 LCS947095 LCSD947095	MS597141029113 MS597141031143 MS597141031143	3401 NA 1101 NA 1101 NA	2.00 2.00 2.00 cance :	1.43 1.94 1.73	ng/g ng/g	72. 97.
	eviation : ) - Dioxins and Fura 3,7,8-TCDF	eviation : 6.32 ) - Dioxins and Furans	eviation : 6.32 Acceptance ( ) - Dioxins and Furans 3,7,8-TCDF	eviation : 6.32 Acceptance Criteria  O - Dioxins and Furans 3,7,8-TCDF	eviation : 6.32 Acceptance Criteria 40-120  O - Dioxins and Furans 3,7,8-TCDF	Acceptance Criteria 40-120  O - Dioxins and Furans 3,7,8-TCDF

10/29/94	BLK944271	MS597141029113401	NA	2.00	1.59	ng/g	79.0
10/31/94	BLK944485	MS597141031141101	NA	2.00	1.62	ng/g	81.0

: 2 : 80.0 : NC Number of Samples 0 Below acceptance : Mean % Recovery Above acceptance : 0 Standard Deviation Acceptance Criteria 40-120

Date Compiled: 22 March 1995 ND = Not Detected

NC = Not Calculable

NS = Not Specified

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

DATE ANALYZED	SAMPLE ID		•	BATCH ID	ORIG. RESULT	AMOUNT SPIKED		RESULT UNIT	% RECOVE
Method : SW8280	) - Dioxins and F	Turan	ıs						
iked Analyte : C13-2,									
ype of Spike : Surrog	jate - Normal Saπ	nple							
10/29/94	G94-01-HA-1	11-01		MS597141029113401	NA	2.17	2.17	ng/g	10
10/29/94	G94-01-HA-1	2-01		MS597141029113401		2.17	2.29	ng/g	10
10/29/94	G94-01-HA-1	2-02		MS597141029113401	NA	2.71	2.82	ng/g	10
10/29/94	G94-01-HA-1	l3 <b>-0</b> 1		MS597141029113401	NA	2.26	2.17	ng/g	<b>9</b> 6.
10/29/94	G94-01-HA-1	13-02		MS597141029113401	NA	2.24	2.17	ng/g	97.
10/31/94	G94-01-HA-1	1-02		MS597141031141101	NA	2.72	2.58 (X)	ng/g	95.
Number of S	Samples	:	6		Below accep	ptance :	0		
Mean % Reco	very	:	99.7		Above accep		0		
Standard De	viation	:	4.50		Acceptance	Criteria	40-120		
pe of Spike : Surrog		Con	trol						
10/29/94	LCS946617			MS597141029113401	NA	2.00	0.289	ng/g	14.
10/29/94	LCSD946617			MS597141029113401	NA NA	2.00	0.498	ng/g	25.
10/31/94 10/31/94	LCS947095 LCSD947095			MS597141031141101 MS597141031141101		2.00	1.29	ng/g	64.
10/31/94				M359/141051141101	NA 	2.00	1.35	ng/g	68. 
Number of S		:	4		Below accep	otance :	2		
Mean % Reco		:	42.8		Above accep		0		
Standard De	viation	:	27.3		Acceptance	Criteria	40-120		
. Markada europea	Diam's 1.5	•							
ked Analyte : C13-OC	- Dioxins and F	uran	S						
-									
/pe of Spike : Surrog	ate - Method Bla	nk							
pe of Spike : Surrog.		nk		MS597141029113401	NA	2.00	0.741	ng/a	37
	ate - Method Bla	nk		MS597141029113401 MS597141031141101	NA NA	2.00 2.00	0.741 1.21	ng/g ng/g	37. 60.
10/29/94 10/31/94	ate - Method Bla BLK944271 BLK944485	~~~~			NA	2.00	1.21		
10/29/94	ate - Method Bla  BLK944271  BLK944485 amples	: :	 2 48.5	MS597141031141101		2.00  tance :			

Standard Deviation

: NC

NR = Not Reported * = Value considered suspect, refer to QC report DO = Diluted Out

Acceptance Criteria 40-120

DATE ANALYZED	SAMPLE ID		BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVER
	) - Dioxins and F	urans						
oiked Analyte : C13-OC Type of Spike : Surrog		a I n						
Type of Spike . Surrog	jace normai sam	,						
10/29/94	G94-01-HA-1	1-01	MS597141029113401	NA	2.17	1.79	ng/g	82
10/29/94	G94-01-HA-1	2-01	MS597141029113401	NA	2.17	1.54	ng/g	71
10/29/94	G94-01-HA-1	2-02	MS597141029113401	NA	2.71	1.95	ng/g	72
10/29/94	G94-01-HA-1	3-01	MS597141029113401	NA	2.26	1.59	ng/g	70
10/29/94	G94-01-HA-1	3-02	MS597141029113401	NA	2.24	1.57	ng/g	70
10/31/94	G94-01-HA-1	1-02	MS597141031141101	NA	2.72	1.93 (X)	ng/g	71
Number of S	Samples	: 6		Below accept	ance :	0		
Mean % Reco	overy	: 72.7		Above accept	ance :	0		
Standard De	eviation	: 4.63	•	Acceptance C	riteria 4	0-120		
Method : SW828C Diked Analyte : C13-OC Type of Spike : Surrog	,							
				λιΛ	2.00	0.442	ng/g	20
10/20/04	1.0046617		MCEQ71/11/2Q112///1			V.44L	11979	22
10/29/94	LCS946617		MS597141029113401 MS597141029113401	NA NA			na/a	
10/29/94	LCSD946617		MS597141029113401	NA	2.00	0.819	ng/g ng/a	41
							ng/g ng/g ng/g	41 92
10/29/94 10/31/94	LCSD946617 LCS947095 LCSD947095	· 4	MS597141029113401 MS597141031141101 MS597141031141101	NA NA	2.00 2.00 2.00	0.819 1.83	ng/g	41. 92.
10/29/94 10/31/94 10/31/94	LCSD946617 LCS947095 LCSD947095	: 4 : 59.0	MS597141029113401 MS597141031141101 MS597141031141101	NA NA NA	2.00 2.00 2.00 	0.819 1.83 1.63	ng/g	22. 41. 92. 81.

Method : SW8280 - Dioxins and Furans

Spiked Analyte : C13-OCDF

Type of Spike : Surrogate - Method Blank

10/	′29/94 E	BLK944271	MS597141029113401	AV	2.00	1.04	ng/g	52.0
10/	/31/94 E	BLK944485	MS597141031141101	NA	2.00	1.52	ng/g	76.0

Number of Samples : 2 Below acceptance : 0 Mean % Recovery : 64.0 Above acceptance : 0 Standard Deviation : NC Acceptance Criteria 40-120

Date Compiled: 22 March 1995 ND = Not Detected NC = Not Calculable NS = Not Specified

TABLE A-2.3 DETAILED LISTING OF SOLID SPIKE RESULTS - SOIL SAMPLES, Galena Airport 1994

DATE ANALYZED	SAMPLE ID	BATCH ID	ORIG. RESULT	AMOUNT SPIKED	AMOUNT RECOVERED	RESULT UNIT	% RECOVE
W . / .							
Method : SW8280	) - Dioxins and Furans						
ikad Analuta . C12-OC	יחב						
iked Analyte : C13-OC vpe of Spike : Surrog						-	
iked Analyte : C13-OC ype of Spike : Surrog						-	
•		MS597141029113401	NA	2.17	2.09	ng/g	97.0
pe of Spike : Surrog	gate - Normal Sample	MS597141029113401 MS597141029113401	NA NA	2.17 2.17	2.09 2.13	ng/g ng/g	97.0 98.0
ype of Spike : Surrog 10/29/94	gate - Normal Sample G94-01-HA-11-01					•	
/pe of Spike : Surrog 10/29/94 10/29/94	gate - Normal Sample G94-01-HA-11-01 G94-01-HA-12-01	MS597141029113401	NA	2.17	2.13	ng/g	98.0
ype of Spike : Surrog 10/29/94 10/29/94 10/29/94	G94-01-HA-11-01 G94-01-HA-12-01 G94-01-HA-12-02	MS597141029113401 MS597141029113401	NA NA	2.17 2.71	2.13	ng/g ng/g	98.0 79.0

Number of Samples : 6 Mean % Recovery : 89.7 Standard Deviation : 8.36

Below acceptance : Above acceptance : 0 Acceptance Criteria 40-120

## ATTACHMENT C - APPENDIX B

Table A-3.1

Detailed Listing of Liquid Duplicate Results - 1994 Water Samples

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = A403 - Alkalinity Type of Duplicate : Field Duplicate	olicat <b>e</b>						
Alkalinity	G94-01-MW-01	G94-01-MW-01-FD	611	611	611	0.00	0.00
Alkalinity	G94-05-MW-02	G94-05-MW-02-FD	402	402	402	0.00	0.00
Alkalinity	G94-06-MW-03	G94-06-MW-03-FD	646	646	646	00.00	0.00
Alkalinity	G94-09-MW-05	G94-09-MW-05-FD	443	443	443	0.00	0.00
Alƙallnity	G94-13-MW-3/	G94-13-MW-37-FD	508	508	508	00.00	0.00
Method = AK101 - Gasoline Range Organics Type of Duplicate : Field Duplicate	ige Organics olicate						
Gasoline Range Organics	G94-01-MW-01	G94-01-MW-01-FD	380	370	375	7.07	2.67
Gasoline Range Organics	G94-05-MW-02	G94-05-MW-02-FD	< 50.0 (JB)	< 50.0 (JB)	Ş	2	S S
Gasoline Range Organics	G94-06-MW-03	G94-06-MW-03-FD	< 50.0 (1)		S	S	N C
Gasoline Range Organics	G94-09-MW-05	G94-09-MW-05-FD	< 50.0 (J)	< 50.0 (1)	S	NC N	NC N
Gasoline Range Organics	G94-13-MW-37	G94-13-MW-37-FD	< 50.0 (3)		NC	NC	NC
Mothod = 18101 - Gasolino Danno Ormanico	on Ordanics						
Type of Duplicate: Laboratory Control Duplicate	ige organics by Control Duplicate						
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	98.0	100	99.0	1.41	2.02
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	116	96.0	106	14.1	18.9
Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	98.0	111	105	9.19	12.4
Gasoline Range Organics	Lab Control Sample	Control	98.0	100	99.0	1.41	2.02
Gasoline Range Organics	Lab Control Sample	Control	98.0	111	105	9.19	12.4
Gasoline Range Organics	Lab Control Sample	Control	98.0	111	105	9.19	12.4
Gasoline Range Organics	Lab Control Sample	' Lab Control Duplicate	87.0	81.0	84.0	4.24	7.14

Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	cate ue	Mean Value	Standard Deviation	RPD (%)
Method = AK101 - Gasoline Range Organics Type of Duplicate : Matrix Spike Duplicate	nge Organics pike Duplicate							
Gasoline Range Organics	G94-01-MW-05	G94-01-MW-05	0.66		103	101	2.83	3.96
dasoline kange urganics Gasoline Range Organics	G94-06-MW-02 G94-06-MW-03	G94-06-MW-02 G94-06-MW-03	108		103	106	3.54	4.74
Gasoline Range Organics	G94-Ì3-MW-37	G94-13-MW-37	0.06		85.0	87.5	3.54	5.71
Method = AK102 - Diesel Range Organics Type of Duplicate : Field Duplicate	e Organics plicate							
Diesel Range Organics	G94-01-MW-01	G94-01-MW-01-FD	170	v	100 (3)	S	N	Z.
	G94-05-MW-02	G94-05-MW-02-FD	_	> (1)		. S	N C	O N
	G94-06-MW-03	G94-06-MW-03-FD				NC	NC NC	N C
Diesel Range Organics	G94-09-MW-05	G94-09-MW-05-FD		_		S	NC	NC NC
Diesel Range Organics	G94-13-MW-37	G94-13-MW-37-FD		(1) <	-	NC	NC	NC NC
Method = AK102 - Diesel Range Organics	e Organics							
Type of Duplicate : Laboratory Control Duplicate	ry Control Duplicate							
Diesel Range Organics	Lab Control Sample	Lab Control Duplicate	76.0		0.69	72.5	4.95	9.66
Diesel Range Organics		Lab Control Duplicate	122		88.0	105	24.0	32.4
		Lab Control Duplicate	76.0		0.69	72.5	4.95	99.66
		Lab Control Duplicate	52.0		53.0	52.5	0.707	1.90
	Control	Lab Control Duplicate	57.0		54.0	55.5	2.12	5.41
	Lab Control Sample	Lab Control Duplicate	54.0		57.0	55.5	2.12	5.41
Diesel Kange Organics	Lab Control Sample	Lab Control Duplicate	0.99	_	68.0	67.0	1.41	2.99

Compiled: 22 March 1995 NC = Not Cai able (

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Ouplicate Value	Mean Value	Standard Deviation	RPD (%)
	1 1 2 5 5 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1		
Method $\approx$ AK102 - Diesel Range Organics	: Organics						
Type of Duplicate : Matrix Spike Duplicate	ike Duplicate					-	
Diesel Range Organics	G94-01-MW-05	G94-01-MW-05	66.0	68.0	67.0	1.41	2.99
Diesel Range Organics	G94~06-MW-02	G94-06-MW-02	64.0	0.89	66.0	2.83	90.9
Diesel Range Organics	G94-06-MW-03	G94-06-MW-03	52.0	53.0	52.5	0.707	1.90
Diesel Range Organics	G94-13-MW-37	G94-13-MW-37	122	88.0	105	24.0	32.4
<pre>Method = E170.1 - Temperature Type of Duplicate : Field Duplicate</pre>	:   icate						
Temperature	G94-01-MW-01	G94-01-MW-01-FD	4.00	4.00	4.00	0.00	0.00
Temperature	G94-05-MW-02	G94-05-MW-02-FD	2.00	2.00	2.00	00.00	0.00
Temperature	G94-06-MW-03	G94-06-MW-03-FD	4.00	4.00	4.00	0.00	0.00
Temperature	G94-09-MW-05	G94-09-MW-05-FD	3.00	3.00	3.00	0.00	0.00
Temperature	G94-13-MW-37	G94-13-MW-37-FD	3.00	3.00	3.00	00.00	00.00
Method = SW6010 - Metals							
Type of Duplicate : Field Duplicate	licate						
Aluminum	G94-13-MW-37	G94-13-MW-37-FD	< 0.0523 (JB)	< 0.0523 (JB)	S	S	NC
Antimony	G94-13-MW-37	G94-13-MW-37-FD	< 0.0760 (JB)	< 0.0760 (JB)	2	2	2
Arsenic	G94-13-MW-37	G94-13-MW-37-FD	< 0.0468 (JB)		SC	SC	2
Barium	G94-13-MW-37	G94-13-MW-37-FD	0.165	0.169	0.165	0.0366	2.42
Beryllium	G94-13-MW-37	G94-13-MW-37-FD	< 0.000510 (JB)	< 0.000510 (JB)	S	NC	NC
Cadmium	G94-13-MW-37	G94-13-MW-37-FD	< 0.00386 (JB)	< 0.00386 (JB)	S	NC	NC
Calcium	G94-13-MW-37	G94-13-MW-37-FD	164	169	167	3.54	3.00
Chromium	G94-13-MW-37	G94-13-MW-37-FD	< 0.00524 (JB)	< 0.00524 (JB)	NC	NC	NC

Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals Type of Duplicate : Field Duplicate, cont.	Ouplicate, cont.						
Cobalt	G94-13-MW-37	G94-13-MW-37-FD	< 0.00407 (JB)	< 0.00407 (JB)	S	S	ÿ
Copper	G94-13-MW-37	G94-13-MW-37-FD			N N	2 2	2 2
Iron	G94-13-MW-37	G94-13-MW-37-FD	< 0.00452 (JB)	< 0.00452 (JB)	NC	NC	NC NC
Lead	G94-13-MW-37	G94-13-MW-37-FD	< 0.0216 (JB)	< 0.0216 (JB)	NC	NC NC	NC
Magnesium	G94-13-MW-37	G94-13-MW-37-FD	31.9		32.2	0.424	1.86
Manganese	G94-13-MW-37	G94-13-MW-37-FD	< 0.00155 (JB)	< 0.00155 (JB)	NC	S	NC
Molybdenum	G94-13-MW-37	G94-13-MW-37-FD	< 0.00739 (JB)	< 0.00739 (JB)	NC	S	NC
Nickel	G94-13-MW-37	G94-13-MW-37-FD	< 0.0141 (JB)	0.0176 (8)	NC	S	NC
Potassium	G94-13-MW-37	G94-13-MW-37-FD	5.16	5.54	5,35	0.269	7.10
Selenium	G94-13-MW-37	G94-13-MW-37-FD	< 0.0891 (JB)	< 0.0891 (JB)	NC	) N	O N
Silver	G94-13-MW-37	G94-13-MW-37-FD	< 0.00519 (JB)	_	NC	2	2 2
Sodium	G94-13-MW-37	G94-13-MW-37-FD	5.40	5.48	5.44	0.0566	1.47
Thallium	G94-13-MW-37	G94-13-MW-37-FD	<. 0.0833 (JB)	< 0.0833 (JB)	NC NC	NC	. O
Vanadium	G94-13-MW-37	G94-13-MW-37-FD	_	_	NC NC	N C	) <u>(</u>
Zinc	G94-13-MW-37	G94-13-MW-37-FD	_	_	0.00500	0.0111	1.40
Mathod = \$W6010 - Watsls							
Type of Duplicate : Laborate	: Laboratory Control Duplicate						
Aluminum	LCS946378	LCSD946378	U 86	0.70	7.0	101 0	-
Aluminum	LCS946396	1 5 5 6 4 6 3 9 6	0.50	0.00	0.76	\o\.o	1.03
Aluminum	LCS946557	1000046557	0.00	93.0	96.0	1.41	2.08
Aliminim	100046725		94.0	0.45.	94.0	0.00	0.00
Aliminum	10504000	LCSD946/25	98.0	98.0	98.0	00.0	00.0
0 + i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i m - i	LC39469U9	LCSD946909	100	100	100	00.00	00.00
Anthony	LCS9463/8	LCS0946378	106	109	108	2.12	2.79
Antimony	LCS946396	LCSD946396	105	100	103	3.54	4.88

Compiled: 22 March 1995 NC = Not Callable (

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value		Value	Deviation	RPD (%)
3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ E L L L L L L L L L L L L L L L L L L	1 1 1	# I I I I I I I I I I I I I I I I I I I	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!
			-				
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate . cont.	V Control Duplicate . cont.						

Antimony	LCS946557	LCSD946557	88.0	0.06	89.0	1.41	2.25
Antimony	LCS946725	LCSD946725	102	97.0	99.5	3.54	5.03
Antimony	LCS946909	LCSD946909	97.0	98.0	97.5	0.707	1.03
Arsenic	LCS946378	LCSD946378	94.0	98.0	0.96	2.83	4.17
Arsenic	LCS946396	LCSD946396	98.0	93.0	95.5	3.54	5.24
Arsenic	LCS946513	LCSD946513	95.0	0.96	95.5	0.707	1.05
Arsenic	LCS946557	LCSD946557	87.0	91.0	89.0	2.83	4.49
Arsenic	LCS946725	LCSD946725	100	95.0	97.5	3.54	5.13
Arsenic	LCS946909	LCSD946909	0.96	0.86	97.0	1.41	5.06
Barium	LCS946378	LCSD946378	98.0	97.0	97.5	0.707	1.03
Barium	LCS946396	LCSD946396	0.96	94.0	95.0	1.41	2.11
Barium	LCS946513	LCSD946513	97.0	0.86	97.5	0.707	1.03
Barium	LCS946557	LCSD946557	95.0	95.0	95.0	0.00	0.00
Barium	LCS946725	LCSD946725	0.66	101	100	1.41	2.00
Barium	LCS946909	LCSD946909	98.0	98.0	98.0	00.00	0.00
Beryllium	LCS946378	LCSD946378	106	106	106	0.00	00.0
Beryllium	LCS946396	LCSD946396	107	105	106	1.41	1.89
Beryllium	LCS946557	LCSD946557	100	100	100	0.00	0.00
Beryllium	LCS946725	LCSD946725	107	109	108	1.41	1.85
Beryllium	LCS946909	LCSD946909	101	101	101	0.00	0.00
Cadmium	LCS946378	LCSD946378	93.0	94.0	93.5	0.707	1.07
Cadmium	LCS946396	LCSD946396	97.0	95.0	96.0	1.41	2.08
Cadmium	LCS946513	LCSD946513	0.96	97.0	96.5	0.707	1.04
Cadmium	LCS946557	LCSD946557	86.0	87.0	86.5	0.707	1.16
Cadmium	LCS946725	LCSD946725	93.0	0.96	94.5	2.12	3.17
Cadmium	LCS946909	LCSD946909	93.0	93.0	93.0	0.00	0.00
Calcium	LCS946378	LCSD946378	98.0	100	0.66	1.41	2.02

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals Type of Duplicate : Laborat	Method = SW6010 - Metals Type of Duplicate : Laboratory Control Duplicate , cont.						
Calcium	LCS946396	LCSD946396	101	100	101	0.707	0.995
Calcium	LCS946557	LCSD946557	0.96	97.0	96.5	0.707	1.04
Calcium î :	LCS946725	LCSD946725	103	103	103	00.00	0.00
Calcium	LCS946909	LCSD946909	103	103	103	00.00	0.00
Chromium	LCS946378	LCSD946378	97.0	98.0	97.5	0.707	1.03
Chromium	LCS946396	LCSD946396	0.66	98.0	98.5	0.707	1.02
Chromium	LCS946513	LCSD946513	0.99	100	99.5	0.707	1.01
Chromium	LCS946557	LCSD946557	88.0	89.0	88.5	0.707	1.13
Chromium	LCS946725	LCSD946725	95.0	97.0	96.0	1.41	2.08
Chromium	LCS946909	LCSD946909	96.0	0.96	96.0	00.00	0.00
Cobalt	LCS946378	LCSD946378	0.96	97.0	96.5	0.707	1.04
Cobalt	LCS946396	LCSD946396	98.0	98.0	98.0	00.00	0.00
Cobalt	LCS946557	LCSD946557	89.0	0.06	89.5	0.707	1.12
Cobalt	LCS946725	LCSD946725	95.0	97.0	96.0	1.41	2.08
Cobalt	LCS946909	LCSD946909	95.0	95.0	95.0	00.00	00.00
Copper	LCS946378	LCSD946378	98.0	97.0	97.5	0.707	1.03
Copper	LCS946396	LCSD946396	97.0	95.0	96.0	1.41	2.08
Copper	LCS946557	LCSD946557	94.0	94.0	94.0	00.00	0.00
Copper	LCS946725	LCSD946725	98.0	100	99.0	1.41	2.02
Copper	LCS946909	LCSD946909	97.0	96.0	96.5	0.707	1.04
Iron	LCS946378	LCSD946378	101	101	101	00.00	0.00
Iron	LCS946396	LCSD946396	102	100	101	1.41	1.98
Iron	LCS946557	LCSD946557	92.0	92.0	92.0	0.00	0.00
Iron	LCS946725	LCSD946725	98.0	98.0	98.0	0.00	0.00
Iron	LCS946909	LCSD946909	98.0	97.0	97.5	0.707	1.03
Lead	LCS946378	LCSD946378	93.0	94.0	93.5	0.707	1.07
Lead	LCS946396	LCSD946396	0.66	94.0	96.5	3.54	5.18

A-3.1-6

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Method = Sv6010 - Metals         Method = Sv6010 - Metals         Method = Sv6010 - Metals         Method = Sv6010 - Metals           Load of Duplicate : Laboratory Control Duplicate : cont.         LCS946551         LCS946552         1.41         2.04           Lead (LCS94657)         LCS996657         LCS996657         By 0         99.0         99.0         1.41         2.07           Lead (LCS94677)         LCS996657         LCS996657         LCS996657         By 0         99.0         99.0         0.00           Lead (LCS94677)         LCS996657         LCS996657         LCS996657         99.0         99.0         99.0         0.00         0.00           Lead (LCS94678)         LCS996659         LCS996679         LCS996699         99.0         99.0         99.0         0.00         0.00           Magnesium (LCS94679         LCS996699         LCS996899         99.0         99.0         99.0         0.00         0.00           Magnesium (LCS94679         LCS996859         LCS996859         99.0         99.0         99.0         0.00         0.00           Mangamese (LCS94679         LCS996857         LCS996857         LCS996857         99.0         99.0         99.0         0.00         0.00         0.00           Mangamese (LC	Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Hetals LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94657 LCS94	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	; ; ; ; ;		!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			: ! ! !
CSS946513   CSS946513   S9.0   S7.0   S8.0   1.41     CSS94657   CSS94652   S9.0   S9.0   S9.0   S9.0     CSS94657   CSS946557   S9.0   S9.0   S9.0   S9.0     CSS946575   CSS946578   S9.0   S9.0   S9.0   S9.0     CSS946576   CSS946578   S9.0   S9.0   S9.0   S9.0     CSS946578   CSS946578   S9.0   S9.0   S9.0   S9.0     CSS946578   CSS946578   S9.0   S9.0   S9.0   S9.0     CSS946578   CCS946578   S9.0   S9.0   S9.0   S9.0     CSS946579   CCS946578   S9.0   S9.0   S9.0   S9.0     CSS946579   CCS946578   S9.0   S9.0   S9.0   S9.0     CSS946578   CCS946578   S9.0   S9.0   S9.0   S9.0     CSS946578   CCS946578   S9.0   S9.0   S9.0     CSS946578   CCS946578   S9.0   S9.0   S9.0   S9.0     CCS946578   CCS946578   S9.0   S9.0   S9.0   S9.0     CCS946579   CCS946577   S9.0   S9.0   S9.0   S9.0     CCS946579   CCS946578   S9.0   S9.0   S9.0   S9.0     CCS946579   CCS946578   S9.0   S9.0   S9.0   S9.0     CCS946579   CCS946578   S9.0   S9.0   S9.0   S9.0     CCS946579   CCS946657   S9.0   S9.0   S9.0   S9.0     CCS946570   CCS946657   S9.0   S9.0   S9.0   S9.0     CC	1							
LCS946513         LCSD946513         LCSD946513         LCSD946513         1.41           LCS946725         LCSD946527         87.0         89.0         88.0         1.41           LCS946725         LCSD946527         CSD946527         87.0         89.0         88.0         1.41           LCS946726         LCSD946809         1.00         93.0         93.0         93.0         90.0           timm         LCS946378         LCSD946809         99.0         97.0         98.0         90.0           timm         LCS946326         LCSD946836         99.0         97.0         98.0         90.0           timm         LCS946326         LCSD946836         90.0         90.0         90.0         90.0           see         LCS946306         LCSD946837         90.0         90.0         90.0         90.0           see         LCS946306         LCSD946376         90.0         90.0         90.0         90.0           see         LCS946306         LCSD946376         90.0         90.0         90.0         90.0           see         LCS946376         LCSD946376         90.0         90.0         90.0         90.0           see         LCS946376         LCSD		ory Control Duplicate , cont.						
LCS946557         LCSD946557         LCSD946557         LCSD946557         LCSD946725         93.0         93.0         98.0         98.0         1.41           LCS946726         LCSD946726         LCSD946726         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0	Lead	LCS946513	LCSD946513	0.66	97.0	98.0	1.41	2.04
tum         LCSS46575         LCSD46725         LCSD46725         CCSD46509         93.0         93.0         93.0         90.0           tum         LCSS46378         LCSD946396         94.0         93.0         93.5         0.707           tum         LCSS946378         LCSD946396         99.0         99.0         99.0         99.0         99.0         99.0         90.0           tum         LCS946376         LCSD946375         LCSD946376         PCSP46396         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0	Lead	LCS946557	LCSD946557	87.0	89.0	88.0	1.41	2.27
LCS946809         LCS946809         LCS946809         CLCS946809         CLCS946378         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0	Lead	LCS946725	LCSD946725	93.0	93.0	93.0	0.00	0.00
timm         LCS94637B         LCSD94637B         99.0         99.0         99.0         99.0         90.0           timm         LCS946396         LCSD94635B         ECSD946396         LCSD94639         99.0         99.0         99.0         99.0         99.0         99.0           timm         LCS94637B         LCSD946872         101         100         101         0.00           see         LCS94637B         LCSD946899         99.0         99.0         99.0         99.0         99.0         99.0         90.0           see         LCS94637B         LCSD94689         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0	Lead	LCS946909	LCSD946909	94.0	93.0	93.5	0.707	1.07
tium         LCS946396         LCS946396         LCS946396         LCS946396         1.41           tium         LCS946557         LCS9946557         LCS9946557         101         96.0         96.0         96.0           tium         LCS946376         LCS9946376         102         97.0         99.0         90.0           ese         LCS946378         LCS9946378         99.0         97.0         97.0         97.0           ese         LCS946376         LCS9946376         PCS9946376         99.0         97.0         97.0         97.0           ese         LCS946376         LCS9946376         PCS9046376         99.0         97.0         97.0         97.0           ese         LCS946376         LCS9946376         PCS9046376         96.0         96.0         97.0         97.0           ese         LCS946378         LCS9946378         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0	Magnesium	LCS946378	LCSD946378	0.66	0.66	0.66	0.00	0.00
timm         LCS946557         LCSD946557         GCSD946557         LCSD946555         GCSD946725         CCSD946725         GCSD946725         GCSD946725 <td>Magnesium</td> <td>LCS946396</td> <td>LCSD946396</td> <td>0.66</td> <td>97.0</td> <td>98.0</td> <td>1.41</td> <td>2.04</td>	Magnesium	LCS946396	LCSD946396	0.66	97.0	98.0	1.41	2.04
tium         LCS946725         LCSD46725         LCSD46725         101         100         101         0.707         0           tium         LCS946809         LCSD46809         LCSD46809         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0 <th< td=""><td>Magnesium</td><td>LCS946557</td><td>LCSD946557</td><td>0.96</td><td>0.96</td><td>0.96</td><td>0.00</td><td>0.00</td></th<>	Magnesium	LCS946557	LCSD946557	0.96	0.96	0.96	0.00	0.00
tum         LCSS46509         LCSD46509         LCSD946518         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0         99.0 </td <td>Magnesium</td> <td>LCS946725</td> <td>LCSD946725</td> <td>101</td> <td>100</td> <td>101</td> <td>0.707</td> <td>0.995</td>	Magnesium	LCS946725	LCSD946725	101	100	101	0.707	0.995
ceace         LCS946378         LCSD946378         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0	Magnesium	LCS946909	LCSD946909	0.66	0.66	0.66	0.00	0.00
cse         LCSD946396         LCSD946396         99.0         97.0         98.0         1.41           cse         LCS94657         LCSD94657         89.0         90.0         89.5         0.707           ese         LCS946372         LCSD94657         95.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0 <t< td=""><td>Manganese</td><td>LCS946378</td><td>LCSD946378</td><td>97.0</td><td>97.0</td><td>97.0</td><td>0.00</td><td>0.00</td></t<>	Manganese	LCS946378	LCSD946378	97.0	97.0	97.0	0.00	0.00
ese         LCS946557         LCS046557         LCS046557         LCS046557         GS070         69.0         69.0         69.0         67.07           ese         LCS946725         LCS0946725         95.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0	Manganese	LCS946396	LCSD946396	0.66	97.0	98.0	1.41	2.04
ese         LCS946725         LCS0946725         LCS0946725         G. C.	Manganese	LCS946557	LCSD946557	89.0	0.06	89.5	0.707	1.12
ese         LCS946909         LCS0946809         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0	Manganese	LCS946725	LCSD946725	95.0	0.96	95.5	0.707	1.05
cnum         LCS946378         LCSD946378         104         102         103         1.41           enum         LCS946396         LCSD946396         104         102         103         1.41           enum         LCS946557         LCSD946557         LCSD94657         94.0         95.0         94.5         0.707           enum         LCS946725         LCSD946725         101         98.0         94.0         96.5         2.12           enum         LCS946378         LCSD946399         100         90.0         96.0         2.83           enum         LCS946378         LCSD946378         99.0         94.0         96.0         96.0         2.12           LCS94657         LCSD94657         LCSD94657         91.0         90.0         90.5         0.707           ium         LCS946378         LCSD94657         94.0         97.0         97.5         0.707           ium         LCS946378         LCSD946396         98.0         97.0         97.0         97.0           ium         LCS946378         LCSD94657         97.0         97.0         97.0         97.0           ium         LCS946396         LCSD946557         QCSD946396         97.0	Manganese	LCS946909	LCSD946909	0.96	0.96	0.96	0.00	0.00
cnum         LCS946396         LCSD946396         104         102         103         1.41           enum         LCS946557         LCSD946557         94.0         95.0         94.5         0.707           enum         LCS946725         LCSD946572         101         98.0         94.5         0.707           enum         LCS946909         LCSD946309         100         100         94.0         96.0         2.83           LCS946378         LCSD946378         LCSD946378         96.0         97.0         98.5         2.12           LCS946396         LCSD946396         LCSD946396         90.0         97.0         98.5         2.12           LCS946557         LCSD946396         90.0         97.0         97.0         97.0         97.0           LCS946890         LCSD946396         94.0         97.0         97.0         97.0         97.0           ium         LCS946396         LCSD946396         98.0         97.0         97.0         97.0           ium         LCS946396         LCSD946378         98.0         97.0         97.0         97.0           ium         LCS946366         LCSD946557         97.0         97.0         97.0         97.0	Molybdenum	LCS946378	LCSD946378	104	102	103	1.41	1.94
cnum         LCS946557         LCSD946557         LCSD946557         LCSD946557         94.0         95.0         94.5         0.707           enum         LCS946725         LCSD946725         101         98.0         99.5         2.12           enum         LCS946909         LCSD946378         100         100         100         0.00           enum         LCS946378         LCSD946378         98.0         94.0         96.0         2.83           LCS946376         LCSD946378         LCSD946396         100         97.0         98.5         2.12           LCS94657         LCSD94657         99.0         102         101         2.12           LCS946909         LCSD946909         94.0         97.0         95.5         2.12           ium         LCS946378         LCSD946378         98.0         97.0         97.0         97.0           ium         LCS946557         LCSD946557         LCSD946580         98.0         97.0         97.0         97.0           ium         LCS946557         LCSD946557         97.0         97.0         97.0         97.0	Molybdenum	LCS946396	LCSD946396	104	102	103	1.41	1.94
enum         LCS946725         LCS0946725         101         98.0         99.5         2.12           enum         LCS946909         LCS0946378         100         100         100         0.00           LCS946378         LCS0946378         100         94.0         96.0         2.83           LCS946376         LCS094636         100         97.0         98.5         2.12           LCS946557         LCS0946557         102         90.0         90.0         90.5         0.707           LCS946399         LCS0946557         LCS094636         94.0         97.0         97.0         97.5         0.707           ium         LCS946396         LCS0946357         97.0         97.0         97.0         97.0           ium         LCS946557         LCS0946557         97.0         97.0         97.0         97.0	Molybdenum	LCS946557	LCSD946557	94.0	95.0	94.5	0.707	1.06
cmum         LCS946909         LCSD946909         100         100         0.00           LCS946378         LCSD946378         98.0         94.0         96.0         2.83           LCS946396         LCSD946396         100         97.0         98.5         2.12           LCS946557         LCSD946557         99.0         102         101         2.12           LCS946576         LCSD94657         99.0         102         101         2.12           LCS946576         LCSD946909         94.0         97.0         95.5         2.12           ium         LCS946378         LCSD946378         98.0         97.0         97.5         0.707           ium         LCS946557         LCSD946396         98.0         97.0         97.0         96.5         2.12           ium         LCS946557         LCSD946557         97.0         97.0         97.0         97.0         97.0	Molybdenum	LCS946725	LCSD946725	101	98.0	99.5	2.12	3.02
LCS946378         LCSD946378         98.0         94.0         96.0         2.83           LCS946396         LCSD946396         100         97.0         98.5         2.12           LCS946557         LCSD946557         91.0         90.0         90.5         0.707           LCS946725         LCSD94657         99.0         102         101         2.12           LCS946909         LCSD946909         94.0         97.0         97.5         0.707           ium         LCS946396         LCSD946378         98.0         97.0         97.0         97.5         0.707           ium         LCS946557         LCSD946557         97.0         97.0         97.0         97.0         97.0	Molybdenum	LCS946909	LCSD946909	100	100	100	0.00	0.00
LCS946396         LCSD946396         100         97.0         98.5         2.12           LCS946557         LCSD946557         91.0         90.0         90.5         0.707           LCS946725         LCSD946725         99.0         102         101         2.12           LCS946909         LCSD946909         94.0         97.0         95.5         2.12           ium         LCS946378         LCSD946378         98.0         97.0         97.5         0.707           ium         LCS946557         LCSD946557         97.0         97.0         97.0         97.0	Nickel	LCS946378	LCSD946378	98.0	94.0	0.96	2.83	4.17
LCS946557         LCS0946557         LCS0946557         91.0         90.0         90.5         0.707           LCS946725         LCSD946725         99.0         102         101         2.12           LCS946909         LCSD946909         94.0         97.0         95.5         2.12           ium         LCS946378         LCSD946378         98.0         97.0         97.5         0.707           ium         LCS946557         LCSD946557         97.0         97.0         97.0         97.0         0.00	Nickel	LCS946396	LCSD946396	100	97.0	98.5	2.12	3.05
LCS946725         LCS0946725         LCS0946725         101         2.12           LCS948909         LCS0946909         94.0         97.0         95.5         2.12           ium         LCS946378         LCS0946378         98.0         97.0         97.5         0.707           ium         LCS946557         LCS0946557         97.0         97.0         97.0         97.0         0.00	Nickel	LCS946557	LCSD946557	91.0	90.0	90.2	0.707	1.10
LCS946909         LCS0946909         94.0         97.0         95.5         2.12           ium         LCS946378         LCSD946378         98.0         97.0         97.5         0.707           ium         LCS946596         LCSD946557         97.0         97.0         97.0         97.0         0.00	Nickel	LCS946725	LCSD946725	0.66	102	101	2.12	2.99
LCS946378 LCS0946378 98.0 97.0 97.5 0.707 LCS946396 LCS0946557 97.0 97.0 97.0 0.00	Nickel	LCS946909	LCSD946909	94.0	97.0	95.5	2.12	3.14
LCS946396 LCSD946396 98.0 95.0 96.5 2.12 LCS946557 LCSD946557 97.0 97.0 97.0	Potassium	LCS946378	LCSD946378	98.0	97.0	97.5	0.707	1.03
LCS946557 LCS0946557 97.0 97.0 97.0 0.00 (	Potassium	LCS946396	LCSD946396	98.0	95.0	96.5	2.12	3.11
	Potassium	LCS946557	LCSD946557	97.0	97.0	97.0	0.00	00.00

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals Type of Duplicate : Laborato	Method = SW6010 - Metals Type of Duplicate : Laboratory Control Duplicate , cont.						
Potassium	LCS946725	LCSD946725	0.66	0.66	99.0	0.00	0.00
Potassium	LCS946909	LCSD946909	96.0	98.0	97.0	1.41	2.06
Selenium	LCS946378	LCSD946378	103	0.96	99.5	4.95	7.04
Selenium	LCS946396	LCSD946396	92.0	109	101	12.0	16.9
Selenium	LCS946557	LCSD946557	86.0	95.0	90.5	6.36	9.94
Selenium	LCS946725	LCSD946725	98.0	93.0	95.5	3.54	5.24
Selenium	LCS946909	LCSD946909	98.0	88.0	93.0	7.07	10.8
Silver	LCS946378	LCSD946378	92.0	93.0	92.5	0.707	1.08
Silver	LCS946396	LCSD946396	94.0	93.0	93.5	0.707	1.07
Silver	LCS946513	LCSD946513	93.0	93.0	93.0	0.00	0.00
Silver	LCS946557	LCSD946557	86.0	87.0	86.5	0.707	1.16
Silver	LCS946725	LCSD946725	73.0	75.0	74.0	1.41	2.70
Silver	LCS946909	LCSD946909	92.0	92.0	92.0	00.00	0.00
Sodium	LCS946378	LCSD946378	98.0	95.0	96.5	2.12	3.11
Sodium	LCS946396	LCSD946396	97.0	95.0	96.0	1.41	2.08
Sodium	LCS946557	LCSD946557	96.0	97.0	96.5	0.707	1.04
Sodium	LCS946725	LCSD946725	98.0	0.66	98.5	0.707	1.02
Sodium	LCS946909	LCSD946909	0.66	99.0	99.0	0.00	00.00
Thallium	LCS946378	LCSD946378	92.0	89.0	90.5	2.12	3.31
Thallium	LCS946396	LCSD946396	0.06	94.0	92.0	2.83	4.35
Thallium	LCS946557	LCSD946557	89.0	83.0	86.0	4.24	6.98
Thallium	LCS946725	LCSD946725	93.0	94.0	93.5	0.707	1.07
Thallium	LCS946909	LCSD946909	92.0	96.0	94.0	2.83	4.26
Vanadium	LCS946378	LCSD946378	99.0	0.66	99.0	00.00	0.00
Vanadium	LCS946396	LCSD946396	100	98.0	99.0	1.41	2.02
Vanadium	LCS946557	LCSD946557	91.0	92.0	91.5	0.707	1.09
Vanadium	LCS946725	LCSD946725	96.0	98.0	97.0	1.41	5.06

Compiled: 22 March 1995 NC = Not Compable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals Type of Duplicate : Matríx Spike Duplicate , cont.	spike Duplicate , cont.						
Cadmium	G94-06-MW-05D	G94-06-MW-05D	93.0	93.0	93.0	0.00	0.00
Cadmium	G94-13-MW-37	G94-13-MW-37	85.0	87.0	86.0	1.41	2.33
Calcium	G94-04-MW-03-02	G94~04-MW-03-02	155	86.0	121	48.8	57.3
Calcium	G94-06-MW-05D	G94-06-MW-05D	118	83.0	101	24.7	34.8
Calcium	G94-13-MW-37	G94-13-MW-37	148	129	139	13.4	13.7
Chromium	G94-04-MW-03-02	G94-04-MW-03-02	92.0	0.06	91.0	1.41	2.20
Chromium	G94-06-MW-05D	G94-06-MW-05D	93.0	94.0	93.5	0.707	1.07
Chromium	G94-13-MW-37	G94-13-MW-37	87.0	87.0	87.0	0.00	0.00
Cobalt	G94-04-MW-03-02	G94-04-MW-03-02	0.06	89.0	89.5	0.707	1.12
Cobalt	G94-06-MW-05D	G94-06-MW-05D	94.0	96.0	95.0	1.41	2.11
Cobalt	G94-13-MW-37	G94-13-MW-37	88.0	88.0	88.0	0.00	0.00
Copper	G94-04-MW-03-02	G94-04-MW-03-02	95.0	94.0	94.5	0.707	1.06
Copper	G94-06-MW-05D	G94-06-MW-05D	0.96	96.0	0.96	00.00	0.00
Copper	G94-13-MW-37	G94-13-MW-37	93.0	93.0	93.0	0.00	0.00
Iron	G94-04-MW-03-02	G94-04-MW-03-02	92.0	92.0	92.0	0.00	0.00
Iron	G94-06-MW-05D	G94-06-MW-05D	98.0	0.66	98.5	0.707	1.02
Iron	G94-13-MW-37	G94-13-MW-37	91.0	91.0	91.0	0.00	0.00
Lead	G94-04-MW-03-02	G94-04-MW-03-02	86.0	88.0	87.0	1.41	2.30
Lead	G94-06-MW-05D	G94-06-MW-05D	0.76	93.0	95.0	2.83	4.21
Lead	G94-13-MW-37	G94-13-MW-37	86.0	85.0	85.5	0.707	1.17
Magnesium	G94-04-MW-03-02	G94-04-MW-03-02	101	0.06	95.5	7.78	11.5
Magnesium	G94-06-MW-05D	G94-06-MW-05D	102	98.0	100	2.83	4.00
Magnesium	G94-13-MW-37	G94-13-MW-37	104	102	103	1.41	1.94
Manganese	G94-04-MW-03-02	G94-04-MW-03-02	124	84.0	104	28.3	38.5
Manganese	G94-06-MW-05D	G94-06-MW-05D	96.0	93.0	94.5	2.12	3.17
Manganese	G94-13-MW-37	G94-13-MW-37	88.0	88.0	88.0	00.00	0.00
Molybdenum	G94-04-MW-03-02	G94-04-MW-03-02	94.0	95.0	94.5	0.707	1.06

Compiled: 22 March 1995 NC = Not Carrable (

1.98	3.21	1.09	4.30	4.49	1.05	1.01	2.04	2.15	2.93	4.08	0.00	1.09	4.55	0.985	12.9	1.03	7.06	1.09	7.33	1.07	0.00	0.00	1.10	0.00	
										2.83		_											_		
10	93.	91.	93.0	89.0	95.!	99.	98.	93.(	100	98.0	88.0	91.	88.0	100	93.(	97.1	85.(	91.	95.	93.5	97.(	91.(	90.	95.(	
100	92.0	91.0	95.0	87.0	95.0	0.66	97.0	94.0	104	100	88.0	92.0	0.06	101	87.0	97.0	82.0	91.0	99.0	94.0	97.0	91.0	90.0	95.0	
102	95.0	92.0	91.0	91.0	0.96	100	0.66	92.0	101	0.96	88.0	91.0	86.0	102	0.66	98.0	88.0	92.0	92.0	93.0	97.0	91.0	91.0	95.0	
G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	
G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	G94-13-MW-37	G94-04-MW-03-02	G94-06-MW-05D	
Molybdenum	Molybdenum	Nickel	Nickel	Nickel	Potassium	Potassium	Potassium	Selenium	Selenium	Selenium	Silver	Silver	Silver	Sodium	Sodium	Sodium	Thallium	Thallium	Thallium	Vanadium	Vanadium	Vanadium	Zinc	Zinc	

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW7060 - Arsenic Type of Duplicate : Field Duplicate Arsenic G94	Duplicate G94-13-MW-37	G94-13-MW-37-FD	< 0.000647 (JB)	< 0.000647 (JB)	NC	NC	N
Method = SW7060 - Arsenic Type of Duplicate : Laboratory Control Duplicate	atory Control Duplicate						
Arsenic Arsenic Arsenic Arsenic	LCS946379 LCS946516 LCS946556 LCS946771	LCSD946379 LCSD946516 LCSD946556 LCSD946771	78.0 92.0 83.0 99.0	83.0 88.0 84.0 99.0	80.5 90.0 83.5 99.0	3.54 2.83 0.707 0.00	6.21 4.44 1.20 0.00
Method = SW7060 - Arsenic Type of Duplicate : Matrix Spike Duplicate	x Spike Duplicate						
Arsenic Arsenic Arsenic Arsenic	G94-04-MW-03-02 G94-04-MW-03D G94-06-MW-05D G94-13-MW-37	G94-04-MW-03-02 G94-04-MW-03D G94-06-MW-05D G94-13-MW-37	107 99.0 107 93.0	108 97.0 105 93.0	108 98.0 106 93.0	0.707 1.41 1.41 0.00	0.930 2.04 1.89 0.00
Method = SW7421 - Lead Type of Duplicate : Field Duplicate	Ouplicate						
Lead	G94-13-MW-37	G94-13-MW-37-FD	< 0.00220 (JB)	< 0.00220 (JB)	NC	NC	NC

A-3.1-12

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW7421 - Lead Type of Duplicate : Laboratory Control Duplicate	tory Control Duplicate						
Lead	LCS946379	LCSD946379	97.0	100	98.5	2.12	3.05
Lead Lead	LCS946556 LCS946771	LCSD946556 LCSD946771	96.0 103	96.0 105	96.0 104	0.00	0.00
Method = SW7421 - Lead Type of Duplicate : Matrix Spike Duplicate	: Spike Duplicate						
Lead	G94-04-MW-03-02	G94-04-MW-03-02	93.0	94.0	93.5	0.707	1.07
Lead	G94-06-MW-05D	G94-06-MW-05D	93.0	93.0	93.0	0.00	0.00
Lead	G94-13-MW-37	G94-13-MW-37.	92.0	93.0	92.5	0.707	1.08
Method = SW8080 - Organochlorine Pe Type of Duplicate : Field Duplicate	Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Field Duplicate						
4,4'-000	G94-01-MW-01	G94-01-MW-01-FD	< 0.00225	< 0.00217	NC	NC	NC
4,4'-DDD	G94-05-MW-02	G94-05-MW-02-FD	< 0.0162	< 0.00305	NC	NC	NC
4,4'-DDD	G94-06-MW-03	G94-06-MW-03-FD	< 0.00285	< 0.00296	NC	NC	NC
4,4'-DDD	G94-09-MW-05	G94-09-MW-05-FD	< 0.00299	< 0.0157	NC	NC	NC
4,4'-DDD	G94-13-MW-37	G94-13-MW-37-FD	< 0.00299	< 0.00302	NC	NC	NC
4,4'-DDE	G94-01-MW-01	G94-01-MW-01-FD	< 0.00464	< 0.00448	NC	NC	NC
4,4'-DDE	G94-05-MW-02	G94-05-MW-02-FD	< 0.00358	< 0.00351	NC	NC	NC
4,4'-DDE	G94-06-MW-03	G94-06-MW-03-FD	< 0.00328	< 0.00341	NC	NC	NC
4,4'-DDE	G94-09-MW-05	G94-09-MW-05-FD	< 0.00344	< 0.00348	NC	NC	NC
4,4'-DDE	G94-13-MW-37	G94-13-MW-37-FD	< 0.00344	< 0.00348	NC	NC	NC
4,4'-DDT	G94-01-MW-01	G94-01-MW-01-FD	< 0.00878 (KJ)	) < 0.00721	NC	NC	NC

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Field Duplicate, cont.	orine Pesticides and PCBs uplicate, cont.						
4,4'-DDT	G94-05-MW-02	G94-05-MW-02-FD	< 0.00382	< 0.0133 (KJ)	S	NC	NC
4,4'-DDT	G94-06-MW-03	G94-06-MW-03-FD	< 0.00350	< 0.00363	NC	NC	NC
4,4'-DDT	G94-09-MW-05	G94-09-MW-05-FD	0.00620	< 0.00370	NC	NC	NC
4,4'-DDT	G94-13-MW-37	G94-13-MW-37-FD	< 0.00367	< 0.0132 (KJ)	NC	NC	NC
Aldrin	G94-01-MW-01	G94-01-MW-01-FD	< 0.00292	< 0.00282	S	NC	NC
Aldrin	G94-05-MW-02	G94-05-MW-02-FD	< 0.00428	< 0.00419	NC	NC	NC
Aldrin	G94-06-MW-03	G94-06-MW-03-FD	< 0.00392	< 0.00407	NC	NC	NC
Aldrin	G94-09-MW-05	G94-09-MW-05-FD	< 0.00411	0.00790	NC	NC	NC
Aldrin	G94-13-MW-37	G94-13-MW-37-FD	< 0.00411	0.00520	NC	NC	NC
Chlordane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0240	< 0.0232	NC	NC	NC
Chlordane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0207	< 0.0203	NC	NC	NC
Chlordane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0190	< 0.0197	NC	NC	NC
Chlordane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0199	< 0.0201	NC	NC	NC
Chlordane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0199	< 0.0201	NC	NC	NC
Dieldrin	G94-01-MW-01	G94-01-MW-01-FD	< 0.00403 (KJB)	< 0.00389 (KJB)	NC	NC	NC
Dieldrin	G94-05-MW-02	G94-05-MW-02-FD	< 0.00292	< 0.00286	NC	NC	NC
Dieldrin	G94-06-MW-03	G94-06-MW-03-FD	< 0.00267	< 0.00403	NC	NC	NC
Dieldrin	G94-09-MW-05	G94-09-MW-05-FD	< 0.00280	< 0.00411	NC	NC	NC
Dieldrin	G94-13-MW-37	G94-13-MW-37-FD	< 0.00280	< 0.00283	NC	NC	NC
Endosulfan I	G94-01-MW-01	G94-01-MW-01-FD	< 0.00910	< 0.00879	NC	NC	NC
Endosulfan I	G94-05-MW-02	G94-05-MW-02-FD	< 0.00223	< 0.00219	NC	NC	NC
Endosulfan I	G94-06-MW-03	G94-06-MW-03-FD	< 0.00205	< 0.00213	NC	NC	NC
Endosulfan I	G94-09-MW-05	G94-09-MW-05-FD	< 0.00215	< 0.00217	NC	NC	NC
Endosulfan I	G94-13-MW-37	G94-13-MW-37-FD	< 0.00215	< 0.00452 (KJ)	NC	NC	NC
Endosulfan II	G94-01-MW-01	G94-01-MW-01-FD	< 0.00380	< 0.00367	S	NC	NC
Endosulfan II	G94-05-MW-02	G94-05-MW-02-FD	< 0.00392	< 0.00384	S	NC	NC
Endosulfan II	G94-06-MW-03	G94-06-MW-03-FD	< 0.00359	< 0.00373	NC	NC	NC

Compiled: 22 March 1995 NC ≥ Not Ç Jable (

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Field Duplicate, cont.	orine Pesticides and PCBs uplicate, cont.						
Endosulfan II	G94~09-MW-05	G94-09-MW-05-FD	< 0.00376	< 0.00380	NC	NC	NC
Endosulfan II	G94-13-MW-37	G94-13-MW-37-FD	< 0.00376	< 0.00380	NC	NC	NC
Endosulfan Sulfate	G94-01-MW-01	G94-01-MW-01-FD	< 0.00544	< 0.00526	S	NC	NC
Endosulfan Sulfate	G94-05-MW-02	G94-05-MW-02-FD	< 0.0104 (KJ)	< 0.0102 (KJ)	NC	NC	NC
Endosulfan Sulfate	G94-06-MW-03	G94-06-MW-03-FD	< 0.00953 (KJ)	< 0.00990 (KJ)	NC	SC	NC
Endosulfan Sulfate	G94-09-MW-05	G94-09-MW-05-FD	< 0.0100 (KJ)	< 0.00502	NC	NC	NC
Endosulfan Sulfate	G94-13-MW-37	G94-13-MW-37-FD	< 0.0100 (KJ)	< 0.0101 (KJ)	NC	NC	NC
Endrin	G94-01-MW-01	G94-01-MW-01-FD	< 0.00726	< 0.00701	NC	NC	NC
Endrin	G94-05-MW-02	G94-05-MW-02-FD	< 0.00789	< 0.00773	NC	NC	NC
Endrin	G94-06-MW-03	G94-06-MW-03-FD	< 0.00722	< 0.00750	NC	NC	NC
Endrin	G94-09-MW-05	G94-09-MW-05-FD	< 0.00758	< 0.00765	NC	NC	NC
Endrin	G94-13-MW-37	G94-13-MW-37-FD	< 0.00758	< 0.00765	NC	NC	NC
Endrin Aldehyde	G94-01-MW-01	G94-01-MW-01-FD	< 0.00400	< 0.00386	NC	NC	NC
Endrin Aldehyde	G94-05-MW-02	G94-05-MW-02-FD	< 0.00651	< 0.00638	NC	NC	NC
Endrin Aldehyde	G94-06-MW-03	G94-06-MW-03-FD	< 0.00596	< 0.00619 (KJ)	NC	NC	NC
Endrin Aldehyde	G94-09-MW-05	G94-09-MW-05-FD	< 0.00625	< 0.00632 (J)	NC	NC	NC
Endrin Aldehyde	G94-13-MW-37	G94-13-MW-37-FD	< 0.00625	< 0.00632	NC	NC	NC
Heptachlor	G94-01-MW-01	G94-01-MW-01-FD	< 0.00236	< 0.00228	S	NC	NC
Heptachlor	G94-05-MW-02	G94-05-MW-02-FD	< 0.00671 (KJ)	< 0.00658 (KJ)	NC	NC	NC
Heptachlor	G94-06-MW-03	G94-06-MW-03-FD	< 0.00517	< 0.00639 (KJ)	NC	NC	NC
Heptachlor	G94-09-MW-05	G94-09-MW-05-FD	< 0.00542	< 0.00651 (KJ)	NC	NC	NC
Heptachlor	G94-13-MW-37	G94-13-MW-37-FD	< 0.00645 (KJ)	< 0.00651 (KJ)	NC	NC	NC
Heptachlor epoxide	G94-01-MW-01	G94-01-MW-01-FD	< 0.00227	< 0.00219	NC	NC	NC
Heptachlor epoxide	G94-05-MW-02	G94-05-MW-02-FD	< 0.00973	< 0.00192	S	NC	NC
Heptachlor epoxide	G94-06-MW-03	G94-06-MW-03-FD	< 0.00892	< 0.00926	NC	NC	NC
Heptachlor epoxide	G94-09-MW-05	G94-09-MW-05-FD	< 0.00188	< 0.00190	NC	NC	NC
Heptachlor epoxide	G94-13-MW-37	G94-13-MW-37-FD	< 0.00935 (KJ)	< 0.00190 (PJ)	NC	NC	NC

Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	. RPD (%)
Method = SW8080 - Organochlorine Pesticide Type of Duplicate : Field Duplicate, cont.	Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Field Duplicate, cont.						
Methoxychlor	G94-01-MW-01	G94-01-MW-01-FD	< 0.0547	< 0.0528	NC	NC	NC
Methoxychlor	G94-05-MW-02	G94-05-MW-02-FD	< 0.0411	< 0.0403	NC	NC	NC
Methoxychlor	G94-06-MW-03	G94-06-MW-03-FD	< 0.0377	< 0.0391	NC	NC	NC
Methoxychlor	G94-09-MW-05	G94-09-MW-05-FD	< 0.0395	< 0.0399	NC	NC	NC
Methoxychlor	G94-13-MW-37	G94-13-MW-37-FD	< 0.0395	< 0.0399	NC	NC	NC
PCB-1016	G94-01-MW-01	G94-01-MW-01-FD	< 0.0244	< 0.0236	NC	NC	NC
PC8-1016	G94-05-MW-02	G94-05-MW-02-FD	< 0.0334	< 0.0327	NC	NC	NC
PCB-1016	G94-06-MW-03	G94-06-MW-03-FD	< 0.0306	< 0.0317	NC	NC	NC
PCB-1016	G94-09-MW-05	G94-09-MW-05-FD	< 0.0321	< 0.0324	NC	NC	NC
PCB-1016	G94-13-MW-37	G94-13-MW-37-FD	< 0.0321	< 0.0324	NC	NC	NC
PCB-1221	G94-01-MW-01	G94-01-MW-01-FD	< 0.0232	< 0.0224	NC	NC	NC
PCB-1221	G94-05-MW-02	G94-05-MW-02-FD	< 0.0300	< 0.0294	NC	NC	NC
PCB-1221	G94-06-MW-03	G94-06-MW-03-FD	< 0.0275	< 0.0285	NC	NC	NC
PCB-1221	G94-09-MW-05	G94-09-MW-05-FD	< 0.0288	< 0.0291	NC	NC	NC
PCB-1221	G94-13-MW-37	G94-13-MW-37-FD	< 0.0288	< 0.0291	NC	NC	NC
PCB-1232	G94-01-MW-01	G94-01-MW-01-FD	< 0.0175	< 0.0169	NC	NC	NC
PCB-1232	G94-05-MW-02	G94-05-MW-02-FD	< 0.0758	< 0.0743	NC	NC	NC
PCB-1232	G94~06-MW-03	G94-06-MW-03-FD	< 0.0694	< 0.0721	NC	NC	NC
PCB-1232	G94-09-MW-05	G94-09-MW-05-FD	< 0.0728	< 0.0736	NC	NC	NC
PCB-1232	G94-13-MW-37	G94-13-MW-37-FD	< 0.0728	< 0.0736	NC	NC	NC
PCB-1242	G94-01-MW-01	G94-01-MW-01-FD	< 0.120	< 0.116	NC	NC	NC
PCB-1242	G94-05-MW-02	G94-05-MW-02-FD	< 0.0278	< 0.0272	NC	NC	NC
PCB-1242	G94-06-MW-03	G94-06-MW-03-FD	< 0.0254	< 0.0264	NC	NC	NC
PCB-1242	G94-09-MW-05	G94-09-MW-05-FD	< 0.0267	< 0.0269	NC	NC	NC
PC8-1242	G94-13-MW-37	G94-13-MW-37-FD	< 0.0267	< 0.0269	NC	NC	NC
PCB-1248	G94-01-MW-01	G94-01-MW-01-FD	< 0.0417	< 0.0403	NC	NC	NC
PCB-1248	G94-05-MW-02	G94-05-MW-02-FD	< 0.0329	< 0.0322	NC	NC	NC

Compiled: 22 March 1995 NC = Not Compable () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Method = 5M6080 - Organication in Pestitorides and PCBs           Type of Duplicate : field Duplicate, cont.         G94-06-NW-03-FD         < 0.0301	Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
694-05-Mu-03         664-06-Mu-03-FD         < 0.0316         < 0.0313         NC         NC           694-10-Mu-03         694-10-Mu-01-FD         < 0.0316	Method = SW8080 - Organ Type of Duplicate : Fie	nochlorine Pesticides and PCBs eld Duplicate, cont.						
694-09-WW-05         694-09-WW-05         694-13-WW-37         690318         6         0.0128         6         0.0129         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         8         0.0128         9         0.0128         9         0.0128         9         0.0128         9         0.0128         9         0.0128         9         0.0128         9         0.0128         9         0.0128	PCB-1248	G94-06-MW-03	G94-06-MW-03-FD	< 0.0301	< 0.0313	NC	NC	NC
694-13-WH-37         694-13-WH-37-P         0.0316         0.0239         NC         NC           694-01-WH-01         694-01-WH-01-P         694-01-WH-01-P         0.0328         0.0298         NC         NC           694-05-WH-02         694-06-WH-03-P         6.0121         0.0125         NC         NC           694-06-WH-03         694-06-WH-03-P         6.0121         0.0128         NC         NC           694-06-WH-03         694-06-WH-03-P         6.0128         0.0128         NC         NC           694-06-WH-03         694-06-WH-03-P         6.0128         NC         NC         NC           694-06-WH-03         694-01-WH-01-PD         0.0126         0.0128         NC         NC           694-06-WH-03         694-01-WH-01-PD         0.0126         0.0128         NC         NC           694-06-WH-03         694-06-WH-03-PD         0.0349         0.0349         NC         NC           694-06-WH-03         694-06-WH-03-PD         0.0348         N         NC         NC           694-06-WH-03         694-06-WH-03-PD         0.0349         N         NC         NC           694-06-WH-03         694-06-WH-03-PD         0.0349         N         N         N	PCB-1248	G94-09-MW-05	G94-09-MW-05-FD	< 0.0316	< 0.0319	NC	NC	NC
694-01-WM-01         694-01-WM-01         694-01-WM-01         694-01-WM-02         694-01-WM-02         694-01-WM-03         694-01-WM-03<	PCB-1248	G94-13-MW-37	G94-13-MW-37-FD	< 0.0316	< 0.0319	NC	NC	NC
634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM - 02 + DM         634 - 05 - NM	PCB-1254	G94-01-MW-01	G94-01-MW-01-FD	< 0.0308	< 0.0298	NC	NC	NC
694-06-WM-03         694-06-WM-03-FD         6         0.0121         6         0.0125         NC         NC           694-13-WM-55-FD         694-13-WM-55-FD         6         0.0126         6         0.0128         NC         NC           694-13-WM-02         694-13-WM-27-FD         6         0.0349         6         0.0349         NC         NC           694-05-WM-02         694-05-WM-02-FD         6         0.0345         6         0.0348         NC         NC           694-05-WM-03         694-05-WM-03-FD         6         0.0355         6         0.0348         NC         NC           694-05-WM-03         694-05-WM-03-FD         6         0.0351         6         0.0354         NC         NC           694-05-WM-03         694-05-WM-03-FD         6         0.0351         6         0.0354         NC         NC           694-05-WM-02         694-05-WM-03-FD         6         0.0351         6         0.0354         NC         NC           694-05-WM-02         694-05-WM-02         694-05-WM-02         694-05-WM-02         0.0354         NC         NC           694-05-WM-03         694-05-WM-03-FD         6         0.0581         6         0.0589         NC </td <td>PCB-1254</td> <td>G94-05-MW-02</td> <td>G94-05-MW-02-FD</td> <td>&lt; 0.0132</td> <td>&lt; 0.0129</td> <td>NC</td> <td>NC</td> <td>NC</td>	PCB-1254	G94-05-MW-02	G94-05-MW-02-FD	< 0.0132	< 0.0129	NC	NC	NC
694-109-IMM-05         694-109-IMM-05         694-109-IMM-05         694-13-IMM-37-D         994-13-IMM-37-D         994-13-IMM-37	PCB-1254	G94-06-MW-03	G94-06-MW-03-FD	< 0.0121	< 0.0125	NC	NC	NC
694 - 13 - MM - 37         694 - 13 - MM - 37 + D         6 0.0126         6 0.0126         6 0.0128         6 0.0128         N C         N C           694 - 05 - MM - 01 - MM - 01 - MM - 01 - MM - 02 + D         6 94 - 05 - MM - 02 + D         6 0.0345         6 0.0345         7 0.0354         N C         N C           694 - 05 - MM - 02 - MM - 02 - MM - 02 - MM - 02 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - MM - 03 - M	PCB-1254	G94-09-MW-05	G94-09-MW-05-FD	< 0.0126	< 0.0128	NC	NC	NC
634-01-MV-01         634-01-MV-01-FD         6 0.0349         6 0.0337         NC         NC           634-05-MV-02         634-05-MV-02-FD         6 0.0355         6 0.0358         6 0.0358         NC         NC           634-05-MV-03         634-05-MV-02-FD         6 0.0351         6 0.0354         NC         NC           634-05-MV-04         634-05-MV-05-FD         6 0.0351         6 0.0354         NC         NC           634-01-MV-01         634-01-MV-01-FD         6 0.0351         6 0.0354         NC         NC           634-01-MV-01         634-01-MV-01-FD         6 0.0351         6 0.0354         NC         NC           634-05-MV-02         634-01-MV-01-FD         6 0.0351         6 0.0354         NC         NC           634-05-MV-02         634-03-MV-02-FD         6 0.0354         0.0413         NC         NC           634-06-MV-03         634-03-MV-02-FD         6 0.0354         0.0559         NC         NC           634-06-MV-03         634-03-MV-02-FD         6 0.0364         0.0429         NC         NC           634-06-MV-03         634-03-MV-02-FD         6 0.0269         0.0569         NC         NC           634-06-MV-03         634-03-MV-02-FD         6 0.0269         NC	PCB-1254	G94-13-MW-37	G94-13-MW-37-FD	< 0.0126	< 0.0128	NC	NC	NC
694-05-WW-02         694-05-WW-02+D         6 0.0355         6 0.0355         7 0.0356         0 0.0354         NC         NC           694-05-WW-03         694-05-WW-03+D         694-09-WW-05+D         6 0.0351         6 0.0354         NC         NC           694-09-WW-05         694-09-WW-05+D         6 0.0351         6 0.0354         NC         NC           694-03-WW-02         694-01-WW-02+D         6 0.0427         6 0.0354         NC         NC           694-01-WW-02         694-01-WW-02-PD         6 0.0427         6 0.0454         NC         NC           694-05-WW-02         694-06-WW-03         6 0.0427         6 0.0558         NC         NC           694-06-WW-03         6 0.0427         6 0.0558         NC         NC           694-06-WW-03         6 0.0554         N 0.0558         NC         NC           694-06-WW-03         6 0.0554         N 0.0569         NC         NC           694-06-WW-03         6 0.0554         N 0.0569         N 0.0569         N 0.0569         N 0.0569           694-06-WW-03         6 0.0428         N 0.0628         N 0.00289         N 0.00289         N 0.00289           694-06-WW-04         6 0.0428         N 0.00289         N 0.00289         N 0.0028	PCB-1260	G94-01-MW-01	G94-01-MW-01-FD	< 0.0349	< 0.0337	NC	NC	NC
694-06-MW-03         694-06-MW-03-FD         < 0.0351         < 0.0354         N C         N C           634-09-MW-05         694-09-MW-05-FD         < 0.0351	PCB-1260	G94-05-MW-02	G94-05-MW-02-FD	< 0.0365	< 0.0358	NC	NC	NC
694-09-MM-05         694-09-MM-05-FD         c         0.0351         c         0.0354         C         D.0354         C         D.0427         C         D.0427         C         D.0427         C         D.0427         C         D.0434         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D	PCB-1260	G94-06-MW-03	G94-06-MW-03-FD	< 0.0335	< 0.0348	NC	NC	NC
694-13-MW-37         694-13-MW-37+D         < 0.0351	PCB-1260	G94~09~MW-05	G94-09-MW-05-FD	< 0.0351	< 0.0354	NC	SC	NC
694-01-MM-01         694-01-MM-01+D         694-01-MM-01+D         694-01-MM-01+D         C0.0427         C0.0437         C0.0457         NC         NC           694-05-MM-02         694-05-MM-02+D         694-05-MM-02+D         C0.0567         C0.0575         NC         NC           694-05-MM-03         694-06-MM-03-FD         C0.0564         C0.0569         NC         NC           694-09-MM-05         694-09-MM-05-FD         C0.0564         C0.0569         NC         NC           694-01-MM-01         694-01-MM-01-FD         C0.00429         C0.00414         NC         NC           694-05-MM-02         694-01-MM-01-FD         C0.0029         C0.00292         NC         NC           694-05-MM-02         694-05-MM-02-FD         C0.00298         C0.00292         NC         NC           694-05-MM-03         694-06-MM-03-FD         C0.00286         C0.00289         NC         NC           694-03-MM-05         694-03-MM-05-FD         C0.00286         C0.00289         NC         NC           694-03-MM-05         694-03-MM-05-FD         C0.00286         C0.00289         NC         NC           694-05-MM-05         694-03-MM-05-FD         C0.00286         C0.00289         NC         NC <td< td=""><td>PCB-1260</td><td>G94-13-MW-37</td><td>G94-13-MW-37-FD</td><td>&lt; 0.0351</td><td>&lt; 0.0354</td><td>NC</td><td>NC</td><td>NC</td></td<>	PCB-1260	G94-13-MW-37	G94-13-MW-37-FD	< 0.0351	< 0.0354	NC	NC	NC
694-05-MW-02         694-05-MW-02-FD         < 0.0587	Toxaphene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0427	< 0.0413	NC	NC	NC
694-06-MW-03         694-06-MW-03-FD         < 0.0537         < 0.0568         NC         NC           694-09-MW-05         694-09-MW-05-FD         < 0.0564	Toxaphene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0587	< 0.0575	NC	NC	NC
694-09-MW-05         694-09-MW-05-FD         < 0.0564         < 0.0569         NC         NC           694-13-MW-37         694-13-MW-37-FD         < 0.0564	Toxaphene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0537	< 0.0558	NC	, NC	NC
694-13-MW-37         694-13-MW-37 + Properties         6 0.0564         6 0.0569         C 0.0569         C 0.00414         NC         NC           694-01-MW-01         694-01-MW-01-FD         6 0.0029         6 0.00292         C 0.00292         NC         NC           694-05-MW-02         694-05-MW-02-FD         6 0.00293         6 0.00292         NC         NC           694-06-MW-03         694-06-MW-03-FD         6 0.00286         0.00289         NC         NC           694-09-MW-05         694-09-MW-05-FD         0.00286         0.00289         NC         NC           694-01-MW-01         694-01-MW-01-FD         0.0144         P)         0.0189         NC         NC           694-05-MW-02         694-05-MW-02-FD         0.0041         N         0.0041         NC         NC           694-06-MW-03         694-06-MW-03-FD         0.0041         N         0.0041         NC         NC           694-09-MW-05         694-09-MW-05-FD         0.00405         N         0.00409         N         0.00409         NC         NC	Toxaphene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0564	< 0.0569	NC	NC	NC
694-01-MW-01         G94-01-MW-01-FD         < 0.00429         < 0.00414         NC         NC           694-05-MW-02         G94-05-MW-02-FD         < 0.00298	Toxaphene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0564	< 0.0569	NC	NC	NC
694-05-MW-02         694-05-MW-02-FD         < 0.00298         < 0.00292         NC         NC           694-06-MW-03         694-06-MW-03-FD         < 0.00273	alpha-BHC	G94-01-MW-01	G94-01-MW-01-FD	< 0.00429	< 0.00414	NC	NC	NC
694-06-MW-03         694-06-MW-03-FD         < 0.00283         < 0.00283         NC         NC           694-09-MW-05         694-09-MW-05-FD         < 0.00286	alpha-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00298	< 0.00292	NC	NC	NC
694-09-MW-05         694-09-MW-05-FD         < 0.00286         < 0.00289         NC         NC           694-13-MW-37         694-13-MW-37         694-01-MW-01-FD         < 0.00286	alpha-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00273	< 0.00283	NC	NC	NC
694-13-MW-37       694-13-MW-37-FD       < 0.00286	alpha-BHC	G94-09-MW-05	G94-09-MW-05-FD	< 0.00286	< 0.00289	NC	NC	NC
G94-01-MW-01       G94-01-MW-01-FD       0.0144 (P)       0.0189       0.0150       0.0107         G94-05-MW-02       G94-05-MW-02-FD       < 0.00421	alpha-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.00286	< 0.00289	NC	NC	NC
G94-05-MW-02 G94-05-MW-02-FD < 0.00421 < 0.00413 NC NC G94-06-MW-03-FD < 0.00386 < 0.00401 NC NC G94-09-MW-05 G94-09-MW-05-FD < 0.00405 < 0.00409 NC NC	beta-BHC	G94-01-MW-01	G94-01-MW-01-FD		0.0189	0.0150	0.0107	30.0
G94-06-MW-03 G94-06-MW-03-FD < 0.00386 < 0.00401 NC NC G94-09-MW-05-FD < 0.00405 < 0.00409 NC NC	beta-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00421	< 0.00413	NC	NC	NC
G94-09-MW-05 G94-09-MW-05-FD < 0.00405 < 0.00409 NC NC	beta-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00386	< 0.00401	NC	NC	NC
	beta-BHC	G94~09-MW-05	G94-09-MW-05-FD		< 0.00409	NC	NC	NC

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
<pre>Method = SW8080 - Organochlorine Pesticide Type of Duplicate : Field Duplicate, cont.</pre>	Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Field Duplicate, cont.						
beta-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.00405	< 0.00409	NC	NC	SC
delta-BHC	G94-01-MW-01	G94-01-MW-01-FD	< 0.00178	< 0.00211	NC	NC	NC
delta-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00243	< 0.00238	NC	NC	NC
delta-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00222	< 0.00231	NC	NC	NC
delta-BHC	G94-09-MW-05	G94-09-MW-05-FD	< 0.00233	< 0.00236	NC	NC	NC.
delta-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.000852	< 0.00236	NC	NC	NC
gamma-BHC	G94-01-MW-01	G94-01-MW-01-FD	< 0.00135	< 0.00130	NC	NC	NC
gamma-BHC	G94-05-MW-02	G94-05-MW-02-FD	< 0.00186	< 0.00182	NC	NC	NC
gamma-BHC	G94-06-MW-03	G94-06-MW-03-FD	< 0.00170	< 0.00177	NC	NC	NC
gamma-BHC	G94-09-MW-05	G94-09-MW-05-FD	0.00670	0.0127	0.00500	0.0125	120
gamma-BHC	G94-13-MW-37	G94-13-MW-37-FD	< 0.00178	< 0.00180	NC	NC	NC
Method = SW8080 - Organ	Method = SW8080 - Organochlorine Pesticides and PCBs						
Type of Duplicate : Lai	Type of Duplicate : Laboratory Control Duplicate						
4,4'-DDT	LCS946201 K	LCSD946201	98.0	94.0	96.0	2.83	4.17
4,4'-0DT	LCS946361 K	LCSD946361	103	103	103	0.00	0.00
4,4'-00T	LCS946397	LCSD946397	89.0	98.0	93.5	6.36	9.63
4,4'-DDT	LCS946423	LCSD946423	87.0	95.0	91.0	5.66	8.79
4,4 -001		LCSD946526	91.0	95.0	93.0	2.83	4.30
Aldrin		LCSD946201	83.0	83.0	83.0	0.00	0.00
Aldrin	LCS946361 K	LCSD946361	95.0	0.66	97.0	2.83	4.12
Aldrin	LCS946397	LCSD946397	84.0	94.0	0.68	7.07	11.2
Aldrin	LCS946423	LCSD946423	85.0	87.0	86.0	1.41	2.33
Aldrin		LCSD946526	82.0	84.0	83.0	1.41	2.41
Dieldrin	LCS946201 K	LCSD946201	98.0	95.0	96.5	2.12	3.11

Compiled: 22 March 1995 NC = Not Callable (

RPD (%) ----

Dieldrin	LCS946361 K	LCSD946361	101	103	102	1.41	1,96
Dieldrin	LCS946397	LCSD946397	89.0	98.0	93.5	6.36	9.63
Dieldrin	LCS946423	LCSD946423	92.0	96.0	94.0	2.83	4.26
Dieldrin	LCS946526	LCSD946526	91.0	93.0	92.0	1.41	2.17
Endosulfan II	LCS946201 K	LCSD946201	102	99.0	101	2.12	2.99
Endosulfan II	LCS946361 K	LCSD946361	105	106	106	0.707	0.948
Endosulfan II	LCS946397	LCSD946397	93.0	103	98.0	7.07	10.2
Endosulfan II	LCS946423	LCSD946423	95.0	101	98.0	4.24	6.12
Endosulfan II	LCS946526	LCSD946526 ~	89.0	92.0	90.5	2.12	3.31
Endrin	LCS946201 K	LCSD946201	94.0	91.0	92.5	2.12	3.24
Endrin	LCS946361 K	LCSD946361	98.0	0.66	98.5	0.707	1.02
Endrin	LCS946397	LCSD946397	86.0	97.0	91.5	7.78	12.0
Endrin	LCS946423	LCSD946423	84.0	0.68	86.5	3.54	5.78
Endrin	LCS946526	LCSD946526	89.0	91.0	0.06	1.41	2.22
Endrin Aldehyde	LCS946201 K	LCSD946201	107	103	105	2.83	3.81
Endrin Aldehyde	LCS946361 K	LCSD946361	114	115	115	0.707	0.873
Endrin Aldehyde	LCS946397	LCSD946397	105	115	110	7.07	9.09
Endrin Aldehyde	LCS946423	LCSD946423	107	115	111	5.66	7.21
Endrin Aldehyde	LCS946526	LCSD946526	< 0.00638 (J)	6.50	NC	S	NC
Heptachlor	LCS946201 K	LCSD946201	0.06	0.06	90.0	00.00	0.00
Heptachlor	LCS946361 K	LCSD946361	101	104	103	2.12	2.93
Heptachlor	LCS946397	LCSD946397	89.0	0.66	94.0	7.07	10.6
Heptachlor	LCS946423	LCSD946423	89.0	0.06	89.5	0.707	1.12
Heptachlor	LCS946526	LCSD946526	0.06	91.0	90.5	0.707	1.10
Heptachlor epoxide	LCS946201 K	LCSD946201	106	102	104	2.83	3.85
Heptachlor epoxide	LCS946361 K	LCSD946361	110	111	111	0.707	0.905
Heptachlor epoxide	LCS946397	LCSD946397	95.0	105	100	7.07	10.0

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
	; 1 1 1 1 1 1		;	; ; ; ; ;	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1
Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Laboratory Control Duplicate , o	Wethod = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Laboratory Control Duplicate , cont.						
Heptachlor epoxide	LCS946423	LCSD946423	97.0	100	98.5	2.12	3.05
Heptachlor epoxide	LCS946526	LCSD946526	97.0	103	100	4.24	6.00
PCB-1016	LCS946202	LCSD946202	93.0	92.0	92.5	0.707	1.08
PCB-1016	LCS946304	LCSD946304	87.0	93.0	90.0	4.24	6.67
PCB-1016	LCS946398	LCSD946398	87.0	0.68	88.0	1.41	2.27
PCB-1016	LCS946424	LCSD946424	78.0	70.0	74.0	5.66	10.8
PCB-1016	LCS946527	LCSD946527	85.0	91.0	88.0	4.24	6.82
PCB-1260	LCS946202	LCSD946202	0.96	96.0	96.0	0.00	0.00
PCB-1260	LCS946304	LCSD946304	0.66	103	101	2.83	3.96
PCB-1260	LCS946398	LCSD946398	100	103	102	2.12	2.96
PCB-1260	LCS946424	LCSD946424	95.0	91.0	93.0	2.83	4.30
PCB-1260		LC\$D946527	86.0	92.0	89.0	4.24	6.74
alpha-BHC		LCSD946201	89.0	88.0	88.5	0.707	1.13
alpha-BHC	LCS946361 K	LCSD946361	97.0	0.66	98.0	1.41	2.04
alpha-BHC	LCS946397	LCSD946397	83.0	92.0	87.5	6.36	10.3
alpha-BHC	LCS946423	LCSD946423	0.98	85.0	85.5	0.707	1.17
alpha-BHC		LCSD946526	89.0	91.0	90.0	1.41	2.22
delta-BHC		LCSD946201	58.0	55.0	56.5	2.12	5.31
delta-BHC	LCS946361 K	LCSD946361	83.0	84.0	83.5	0.707	1.20
delta-BHC	LCS946397	LCSD946397	0.69	78.0	73.5	6.36	12.2
delta-BHC	LCS946423	LCSD946423	0.79	72.0	69.5	3.54	7.19
delta-BHC	LCS946526	LCSD946526	75.0	77.0	76.0	1.41	2.63
gamma-BHC		LCSD946201	0.66	97.0	98.0	1.41	2.04
gamma-BHC	LCS946361 K	LCSD946361	104	106	105	1.41	1.90
gamma-BHC	LCS946397	LCSD946397	0.06	100	95.0	7.07	10.5
gamma-BHC	LCS946423	LCSD946423	91.0	92.0	91.5	0.707	1.09
gamma-BHC	LCS946526	LCSD946526	95.0	98.0	96.5	2.12	3.11

Compiled: 22 March 1995 NC = Not Critiable (

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticide: Tyne of Dunlicate : Matrix Spike Dunlicate	Method = SW8080 - Organochlorine Pesticides and PCBs Tyne of Dunlicate : Matrix Soike Dunlicate						
		;	·	;	;		
4,4'-DDT	G94-01-MW-05	G94-01-MW-05	94.0	103	98.5	6.36	9.14
4,4'-DDT	G94-06-MW-02	G94-06-MW-02	93.0	100	96.5	4.95	7.25
4,4'-DDT	G94-06-MW-03	G94~06~MW~03	98.0	101	99.5	2.12	3.02
4,4'-DDT	G94-13-MW-37	G94-13-MW-37	0.96	101	98.5	3.54	5.08
Aldrin	G94-01-MW-05	G94-01-MW-05	84.0	0.06	87.0	4.24	6.90
Aldrin	G94-06-MW-02	G94-06-MW-02	0.06	95.0	92.5	3.54	5.41
Aldrin	G94-06-MW-03	G94-06-MW-03	88.0	92.0	0.06	2.83	4.44
Aldrin	G94-13-MW-37	G94-13-MW-37	92.0	98.0	95.0	4.24	6.32
Dieldrin	G94-01-MW-05	G94-01-MW-05	91.0	97.0	94.0	4.24	6.38
Dieldrin	G94-06-MW-02	G94-06-MW-02	92.0	96.0	94.0	2.83	4.26
Dieldrin	G94-06-MW-03	G94-06-MW-03	94.0	97.0	95.5	2.12	3.14
Dieldrin	G94-13-MW-37	G94-13-MW-37	0.06	97.0	93.5	4.95	7.49
Endrin	G94-01-MW-05	G94-01-MW-05	0.66	106	103	4.95	6.83
Endrin	G94-06-MW-02	G94-06-MW-02	98.0	102	100	2.83	4.00
Endrin	G94-06-MW-03	G94-06-MW-03	97.0	102	99.5	3.54	5.03
Endrin	G94-13-MW-37	G94-13-MW-37	95.0	102	98.5	4.95	7.11
Heptachlor	G94-01-MW-05	G94-01-MW-05	85.0	91.0	88.0	4.24	6.82
Heptachlor	G94-06-MW-02	G94-06-MW-02	92.0	97.0	94.5	3.54	5.29
Heptachlor	G94-06-MW-03	G94-06-MW-03	89.0	92.0	90.5	2.12	3.31
Heptachlor	G94-13-MW-37	G94-13-MW-37	91.0	103	97.0	8.49	12.4
gamma-BHC	G94-01-MW-05	G94-01-MW-05	80.0	87.0	83.5	4.95	8.38
gamma-BHC	G94-06-MW-02	G94-06-MW-02	0.06	94.0	92.0	2.83	4.35
gamma-BHC	G94-06-MW-03	G94-06-MW-03	91.0	99.0	95.0	5.66	8.42
gamma-BHC	G94-13-MW-37	G94-13-MW-37	91.0	98.0	94.5	4.95	7.41

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Sample ID	Va 	Value	Value	Value	Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Field Duplicate	ganic Compounds licate							
1,1,1,2-Tetrachloroethane	G94-01-MW-01	G94-01-MW-01-FD	V	0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-05-MW-02	G94-05-MW-02-FD	٧	0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-09-MW-05	G94-09-MW-05-FD	٧	0.0851	< 0.0851	NC	NC	NC
1,1,1,2-Tetrachloroethane	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.0851	< 0.0851	NC	NC	NC
1,1,1-Trichloroethane	G94-01-MW-01	G94-01-MW-01-FD	v	0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-05-MW-02	G94-05-MW-02-FD	v	0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-06-MW-03	G94-06-MW-03-FD	v	0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.0992	< 0.0992	NC	NC	NC
1,1,1-Trichloroethane	G94-13-MW-37	G94-13-MW-37-FD	v	0.0992	< 0.0992	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-01-MW-01	G94-01-MW-01-FD	v	0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-05-MW-02	G94-05-MW-02-FD	v	0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-06-MW-03	G94-06-MW-03-FD	v	0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-09-MW-05	G94-09-MW-05-FD	٧	0.170	< 0.170	NC	NC	NC
1,1,2,2-Tetrachloroethane	G94-13-MW-37	G94-13-MW-37-FD	v	0.170	< 0.170	NC	NC	NC
1,1,2-Trichloroethane	G94-01-MW-01	G94-01-MW-01-FD	٧	0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94~05-MW-02	G94-05-MW-02-FD	٧	0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94-06-MW-03	G94-06-MW-03-FD	v	0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94-09-MW-05	G94-09-MW-05-FD	٧	0.0920	< 0.0920	NC	NC	NC
1,1,2-Trichloroethane	G94-13-MW-37	G94-13-MW-37-FD	v	0.0920	< 0.0920	NC	NC	NC
1,1-Dichloroethane	G94-01-MW-01	G94-01-MW-01-FD	v	0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-05-MW-02	G94-05-MW-02-FD	٧	0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-06-MW-03	G94-06-MW-03-FD	v	0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-09-MW-05	G94-09-MW-05-FD	v	0.0886	> 0.0886	NC	NC	NC
1,1-Dichloroethane	G94-13-MW-37	G94-13-MW-37-FD	٧	0.0886	< 0.0886	NC	NC	NC
1,1-Dichloroethene	G94-01-MW-01	G94-01-MW-01-FD	<b>v</b>	0.0806	> 0.0806	NC	NC	NC
1,1-Dichloroethene	G94-05-MW-02	G94-05-MW-02-FD	V	0.0806	< 0.0806	NC	NC	NC

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Parameter	Sample ID	Duplicate Sample ID	Value 	ing	Ouplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Field Duplicate, cont.	olatile Organic Compounds Field Duplicate, cont.		·					
1,1-Dichloroethene	G94-06-MW-03	G94-06-MW-03-FD	> 0.0806	v	90800	NC	NC	NC
1,1-Dichloroethene	G94-09-MW-05	G94-09-MW-05-FD	> 0.0806	v	9080.0	NC	NC	NC
1,1-Dichloroethene	G94-13-MW-37	G94-13-MW-37-FD	> 0.0806	v	0.0806	NC	NC	NC
1,2,3-Trichloropropane	G94-01-MW-01	G94-01-MW-01-FD	< 0.233	v	0.233	NC	NC	NC
1,2,3-Trichloropropane	G94-05-MW-02	G94-05-MW-02-FD	< 0.233	v	0.233	S	NC	NC
1,2,3-Trichloropropane	G94-06-MW-03	G94-06-MW-03-FD	< 0.233	v	0.233	NC	NC	NC
1,2,3-Trichloropropane	G94-09-MW-05	G94-09-MW-05-FD	< 0.233	v	0.233	NC	NC	NC
1,2,3-Trichloropropane	G94-13-MW-37	G94-13-MW-37-FD	< 0.233	v	0.233	NC	NC	NC
1,2-Dichlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.354	v	0.354	NC	NC	NC
1,2-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.354	v	0.354	NC	SC	NC
1,2-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.354	v	0.354	NC	NC	NC
1,2-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.354	<b>v</b>	0.354	NC	NC	NC
1,2-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.354	v	0.354	S	NC	NC
1,2-Dichloroethane	G94-01-MW-01	G94-01-MW-01-FD	1.40		1.62	1.51	0.156	14.6
1,2-Dichloroethane	G94-05-MW-02	G94-05-MW-02-FD	0.710		0.830	0.770	0.0849	15.6
1,2-Dichloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0791	v	0.0791	NC	SC	NC
1,2-Dichloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0791	٧	0.0791	NC	NC	NC
1,2-Dichloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0791	v	0.0791	NC	NC	NC
1,2-Dichloropropane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0742	v	0.0742	NC	NC	NC
1,2-Dichloropropane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0742	v	0.0742	NC	NC	RC
1,2-Dichloropropane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0742	v	0.0742	NC	NC	NC
1,2-Dichloropropane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0742	v	0.0742	NC	NC	NC
1,2-Dichloropropane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0742	v	0.0742	NC NC	NC	NC
1,3-Dichlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.391	v	0.391	NC	NC	NC
1,3-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.391	Ÿ	0.391	NC	NC	NC
1,3-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.391	v	0.391	NC	NC	NC
1,3-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.391	v	0.391	NC	NC	NC

Parameter 	Sample ID	Duplicate Sample ID	Va	Value	dno	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Field Duplicate, cont.	yanic Compounds icate, cont.			4					
1,3-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.391	v	0.391	NC	NC	NC
1,4-Dichlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	v	0.423	v	0.423	S	NC	NC
1,4-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	v	0.423	v	0.423	S	NC	NC
1,4-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	v	0.423	v	0.423	NC	NC	NC
1,4-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.423	v	0.423	NC	NC	NC
1,4-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	<b>Y</b>	0.423	v	0.423	NC	NC	NC
1-Chlorohexane	G94-01-MW-01	G94-01-MW-01-FD	٧	0.154	v	0.154	NC	NC	NC
1-Chlorohexane	G94-05-MW-02	G94-05-MW-02-FD	v	0.154	v	0.154	NC	NC	NC
1-Chlorohexane	G94-06-MW-03	G94-06-MW-03-FD	V	0.154	v	0.154	S	NC	NC
1-Chlorohexane	G94-09-MW-05	G94-09-MW-05-FD	v	0.154	v	0.154	NC	NC	NC
1-Chlorohexane	G94-13-MW-37	G94-13-MW-37-FD	٧	0.154	٧	0.154	S	NC	NC
2-Butanone(MEK)	G94-01-MW-01	G94-01-MW-01-FD	v	0.890	v	0.890	SC	NC	NC
2-Butanone(MEK)	G94-05-MW-02	G94-05-MW-02-FD	v	0.890	٧	0.890	NC	NC	NC
2-Butanone(MEK)	G94-06-MW-03	G94-06-MW-03-FD	v	0.890	v	0.890	NC	NC	NC
2-Butanone(MEK)	694-09-MW-05	G94-09-MW-05-FD	v	0.890	٧	0.890	NC	NC	NC
2-Butanone(MEK)	G94-13-MW-37	G94-13-MW-37-FD	v	0.890	v	0.890	NC	NC	NC
2-Chloroethyl vinyl ether	G94-01-MW-01	G94-01-MW-01-FD	V	0.124	v	0.124	NC	NC	NC
vinyl	G94-05-MW-02	G94-05-MW-02-FD	v	0.124	v	0.124	NC	NC	NC
vinyl	G94-06-MW-03	G94-06-MW-03-FD	٧	0.124	٧	0.124	NC	NC	NC
vinyl	G94-09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.124	v	0.124	NC	NC	NC
2-Chloroethyl vinyl ether	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.124	v	0.124	NC	NC	NC
2-Hexanone	G94-01-MW-01	G94-01-MW-01-FD	v	0.766	v	0.766	NC	NC	NC
2-Hexanone	G94-05-MW-02	G94-05-MW-02-FD	v	0.766	v	0.766	NC	NC	NC
2-Hexanone	G94-06-MW-03	G94-06-MW-03-FD	v	0.766	٧	0.766	NC	NC	NC
2-Hexanone	G94-09-MW-05	G94-09-MW-05-FD	v	0.766	٧	0.766	NC	NC	NC
2-Hexanone	G94-13-MW-37	G94-13-MW-37-FD	V	0.766	v	0.766	NC	NC	NC
4-Methyl-2-Pentanone(MIBK)	G94-01-MW-01	G94-01-MW-01-FD	v	0.501	v	0.501	NC	NC	NC

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2-Pentanone (MIBK) 6394-05-MW-02 FD	Method = SW8260 - Volatile Org Type of Duplicate : Field Dupl	ganic Compounds licate, cont.								
2-Pentanone (MIBK)         634-06-WH-03         694-06-WH-03-FD         < 0.501         < 0.501         NC         NC           2-Pentanone (MIBK)         694-03-WH-05         694-03-WH-05         694-03-WH-05         694-03-WH-05         0.501         < 0.501	4-Methyl-2-Pentanone(MIBK)	G94-05-MW-02	G94-05-MW-02-FD	v	0.501	v	0.501	NC	NC	NC
2-Pentanone (MBK)         G94-13-MM-37         G94-13-MM-37FD         < 0.501         < 0.501         N C         N C           2-Pentanone (MBK)         G94-13-MM-37         G94-13-MM-37FD         < 0.501	4-Methyl-2-Pentanone(MIBK)	G94-06-MW-03	G94-06-MW-03-FD	v	0.501	v	0.501	NC	NC	NC
Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Cont	4-methyl-Z-Pentanone(MIBK)	694-09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.501	v	0.501	NC	NC	NC
644-01-MM-01         644-01-MM-01-Ph         5.87         6.27         6.03         0.283           644-01-MM-02-Ph         6.59         6.50         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00	4-methyl-Z-Pentanone(MIBK)	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.501	v	0.501	NC	NC	NC
644-05-MM-02         664-05-MM-02-PD         6.59         5.01 (B)         5.00 (B)         5.01         0.00707           644-05-MM-03         694-05-MM-03-PD         6.59         5.87         6.23         0.599           644-05-MM-05         694-06-MM-05         6.15         2.60 (B)         3.10 (B)         2.83         0.599           634-06-MM-05         694-06-MM-05-PD         2.60 (B)         1.82         1.82         0.589         0.384           64-13-MM-37         694-01-MM-01         694-01-MM-01-PD         1.82         1.82         0.589         0.384           64-05-MM-02         694-01-MM-01         694-01-MM-01-PD         1.82         0.500 (B)         0.0500 (B)         0.0500 (B)         0.0500 (B)         0.0500 (B)         0.0500 (B)         0.0100         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000	Acetone	G94-01-MW-01	G94-01-MW-01-FD		5.87		6.27	6.07	0.283	6.59
694-06-MM-03         694-06-MM-03-PD         6.59         5.87         6.23         0.509           694-09-MM-05         694-09-MM-05-PD         5.16         8.10         8.10         8.28         0.584           694-03-MM-05         694-03-MM-05-PD         5.16         8.11         4.81         8.28         0.584           694-01-MM-01         694-01-MM-01-PD         6.15         1.52         1.52         1.52         0.00           694-01-MM-01         694-05-MM-02-PD         6.0307         (39         0.050         (8)         0.050           694-05-MM-02         694-05-MM-02-PD         0.0307         (39         0.050         0.00           694-05-MM-03         694-06-MM-03         694-06-MM-03-PD         0.0500         0.050         0.050         0.00           ene         694-01-MM-01         694-01-MM-01-PD         0.0500         0.050         0.050         0.050         0.050           ene         694-01-MM-01         694-01-MM-01-PD         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050         0.050	Acetone	G94-05-MW-02	G94-05-MW-02-FD		_			5.01	0.00707	0.200
694-03-WM-05         694-03-WM-05-FD         2.60 (B)         3.10 (B)         2.85         0.354           694-13-WM-05         694-13-WM-05-FD         6.15         4.81 (B)         5.48         0.948           694-13-WM-01         694-13-WM-27-FD         6.15         1.52         1.52         0.00           694-05-WM-02         694-05-WM-02-FD         0.0307 (JB)         0.0500 (B)         0.548         0.00           694-05-WM-02         694-06-WM-02-FD         0.0307 (JB)         0.0500 (B)         0.050         0.040         0.00           694-06-WM-02         694-06-WM-02-FD         0.050         0.050         0.060         0.045         0.00           694-06-WM-03         694-06-WM-02-FD         0.050         0.050         0.040         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00	Acetone	G94-06-MW-03	G94-06-MW-03-FD		6.59		5.87	6.23	0.509	11.6
694-13-MV-37         694-13-MV-37+D         694-13-MV-37+D         6.15         4.81 (B)         5.48         0.948           694-01-MV-01         694-01-MV-01-TD         152         152         10.0           694-01-MV-02+D         694-05-MV-03-TD         0.330         0.500 (B)         0.650         0.00           694-01-MV-03         694-05-MV-03-TD         0.330         0.600 (B)         0.660         0.680         0.00           694-06-MV-03         694-06-MV-03-TD         0.630         0.660         0.680         0.660         0.00           694-06-MV-03         694-09-MV-05         694-09-MV-05         0.650         0.660         0.685         0.00           ene         694-01-MV-01         694-01-MV-01         694-01-MV-01         0.050         0.165         0.055         0.00           ene         694-01-MV-02         694-01-MV-02+TD         0.165         0.165         0.165         0.055         0.00           ene         694-01-MV-01         694-01-MV-02+TD         0.165         0.165         0.165         0.065         0.00           ene         694-01-MV-01         694-01-MV-02+TD         0.165         0.165         0.165         0.165         0.165         0.165         0.165	Acetone	G94-09-MW-05	G94-09-MW-05-FD					2.85	0.354	17.5
694-01-WM-01         694-01-WM-01         694-01-WM-01         694-01-WM-01         152         152         152         0.00           694-05-WM-02         694-05-WM-02-FD         694-05-WM-02-FD         0.0307         0.830         0.0500         8)         0.00           694-05-WM-02         694-05-WM-02-FD         0.030         0.050         0.050         0.050         0.00         0.00           694-05-WM-02         694-03-WM-02-FD         0.050         0.050         0.0400         0.0400         0.050         0.00         0.050         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 </td <td>Acetone</td> <td>G94-13-MW-37</td> <td>G94-13-MW-37-FD</td> <td></td> <td>6.15</td> <td></td> <td></td> <td>5.48</td> <td>0.948</td> <td>24.5</td>	Acetone	G94-13-MW-37	G94-13-MW-37-FD		6.15			5.48	0.948	24.5
634-05-MM-02         694-05-MM-02-FD         c         0.0307 (JB)         0.0500 (B)         NC         NC           634-06-MM-03         694-06-MM-03-FD         0.330         0.0500 (B)         0.0500         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000 <td>Benzene</td> <td>G94-01-MW-01</td> <td>G94-01-MW-01-FD</td> <td></td> <td>152</td> <td></td> <td>152</td> <td>152</td> <td>0.00</td> <td>0.00</td>	Benzene	G94-01-MW-01	G94-01-MW-01-FD		152		152	152	0.00	0.00
694-06-MM-03         694-06-MM-03+FD         6.330         0.330         0.330         0.00           694-06-MM-05         694-06-MM-05-FD         694-09-MM-05-FD         0.630         0.660         0.645         0.0212           ene         694-13-MM-37         694-03-MM-05-FD         0.0500         (B)         0.0450         0.0450         0.00707           ene         694-01-MM-01         694-05-MM-02-FD         < 0.165         < 0.165         NC         NC           ene         694-05-MM-02         694-05-MM-02-FD         < 0.165         < 0.165         NC         NC           ene         694-05-MM-03         694-05-MM-02-FD         < 0.165         < 0.165         NC         NC           ene         694-05-MM-03         694-09-MM-03-FD         < 0.165         < 0.165         NC         NC           10-romethane         694-13-MM-37         694-13-MM-37-FD         < 0.0536         < 0.0536         NC         NC           10-romethane         694-06-MM-03         694-06-MM-03         694-06-MM-03         694-06-MM-03         694-06-MM-03         694-06-MM-03         694-06-MM-03         0.0536         NC         NC           10-romethane         694-01-MM-01         694-01-MM-01         694-01-MM-01-MM-01-MM-01-MM-01-M	Benzene	G94-05-MW-02	G94~05-MW~02-FD	v	0.0307 (JB)			NC	NC	S
694-09-MW-05         694-09-MW-05         694-09-MW-05         694-09-MW-05         0.630         0.660         0.0400         0.0450         0.0250           ene         694-13-MW-37         694-13-MW-37-FD         0.0500         69         0.0400         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450         0.0450	Benzene	G94-06-MW-03	G94-06-MW-03-FD		0.330		0.330	0.330	0.00	0.00
694-13-MW-37         694-13-MW-37+PD         0.0500         (B)         0.0400         (B)         0.0450         0.00707           ene         694-01-MW-01         694-01-MW-01-FD         < 0.165	Benzene	G94-09-MW-05	G94-09-MW-05-FD		0.630		0.660	0.645	0.0212	4.65
ene         694-01-MW-01         694-01-MW-01-FD         < 0.165         < 0.165         < 0.165         NC         NC           ene         694-05-MW-02         694-05-MW-02-FD         < 0.165	Benzene	G94-13-MW-37	G94-13-MW-37-FD					0.0450	0.00707	22.2
ene         694-05-MW-02         694-05-MW-02-FD         < 0.165         < 0.165         NC         NC           ene         694-06-MW-03         694-06-MW-03-FD         < 0.165	Bromobenzene	G94-01-MW-01	G94-01-MW-01-FD	v	0.165	v	0.165	NC	NC	S
ene         G94-06-MW-03         G94-06-MW-03-FD         < 0.165         < 0.165         < 0.165         NC         NC           ene         G94-09-MW-05         G94-09-MW-05-FD         < 0.165	Bromobenzene	G94-05-MW-02	G94-05-MW-02-FD	v	0.165	v	0.165	NC	NC	NC
ene         694-09-MW-05         694-09-MW-05         694-09-MW-05         694-09-MW-05         NC         NC           ene         694-13-MW-37         694-13-MW-37-FD         < 0.165         < 0.165         < 0.165         NC         NC           loromethane         694-05-MW-02         694-05-MW-02-FD         < 0.0536	Bromobenzene	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.165	v	0.165	NC	NC	S
ene         694-13-MW-37         694-13-MW-37+PD         < 0.165         < 0.165         NC         NC           loromethane         694-01-MW-01         694-01-MW-01-FD         < 0.0536	Bromobenzene	G94-09-MW-05	G94-09-MW-05-FD	v	0.165	v	0.165	NC	NC	SC
loromethane         694-01-MW-01         694-01-MW-01-FD         < 0.0536         < 0.0536         NC         NC           loromethane         694-05-MW-02         694-05-MW-02-FD         < 0.0536	Bromobenzene	G94-13-MW-37	G94-13-MW-37-FD	v	0.165	v	0.165	NC	NC	, NC
loromethane         694-05-MW-02         694-05-MW-02-FD         < 0.0536         < 0.0536         NC         NC           loromethane         694-06-MW-03         694-06-MW-03-FD         < 0.0536	Bromodichloromethane	G94-01-MW-01	G94-01-MW-01-FD	<b>v</b>	0.0536	v	0.0536	NC	NC	NC
Oromethane         G94-06-MW-03         G94-06-MW-03-FD         < 0.0536         < 0.0536         NC         NC           Poromethane         G94-09-MW-05         G94-09-MW-05-FD         G94-13-MW-37-FD         < 0.0536	Bromodichloromethane	G94-05-MW-02	G94-05-MW-02-FD	v	0.0536	v	0.0536	NC	NC	NC
Oromethane         G94-09-MW-05         G94-09-MW-05-FD         < 0.0536         < 0.0536         NC         NC           Ioromethane         G94-13-MW-37         G94-13-MW-37-FD         < 0.0536	Bromodichloromethane	G94-06-MW-03	G94-06-MW-03-FD	v	0.0536	v	0.0536	NC	SC	NC
loromethane         G94-13-MW-37         G94-13-MW-37-FD         < 0.0536         < 0.0536         NC         NC           G94-01-MW-01         G94-01-MW-01-FD         < 0.108	Bromodichloromethane	G94-09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.0536	v	0.0536	NC	NC	NC NC
G94-01-MW-01 G94-01-MW-01-FD < 0.108 < 0.108 NC NC G94-05-MW-02 G94-05-MW-02-FD < 0.108 < 0.108 NC NC G94-06-MW-03 G94-06-MW-03-FD < 0.108 < 0.108 NC NC	Bromodichloromethane	G94-13-MW-37	G94-13-MW-37-FD	v	0.0536	v	0.0536	NC	SC	N _C
G94-05-MW-02 G94-05-MW-02-FD < 0.108 < 0.108 NC NC G94-06-MW-03 G94-06-MW-03-FD < 0.108 < 0.108 NC NC	Bromoform	G94-01-MW-01	G94-01-MW-01-FD	v	0.108	v	0.108	NC	NC	S
G94-06-MW-03 G94-06-MW-03-FD < 0.108 < 0.108 NC NC	Bromoform	G94-05-MW-02	G94-05-MW-02-FD	v	0.108	v	0.108	S	NC	NC
	Bromoform	G94-06-MW-03	G94-06-MW-03-FD	v	0.108	v	0.108	NC	NC	NC

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
<pre>Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Field Duplicate. cont.</pre>	Organic Compounds uplicate. cont.						
Bromoform	G94-09-MW-05	G94-09-MW-05-FD	< 0.108	< 0.108	NC	NC	NC
Bromoform	G94-13-MW-37	G94-13-MW-37-FD	< 0.108	< 0.108	NC	NC	NC
Bromomethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0968	< 0.0968	NC	NC	NC
Bromomethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0968	< 0.0968	NC	NC	NC
Carbon disulfide	G94-01-MW-01	G94-01-MW-01-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-05-MW-02	G94-05-MW-02-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-06-MW-03	G94-06-MW-03-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-09-MW-05	G94-09-MW-05-FD	< 0.161	< 0.161	NC	NC	NC
Carbon disulfide	G94-13-MW-37	G94-13-MW-37-FD	< 0.161	< 0.161	NC	NC	NC
Carbon tetrachloride	G94-01-MW-01	G94-01-MW-01-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-05-MW-02	G94-05-MW-02-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-06-MW-03	G94-06-MW-03-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-09-MW-05	G94-09-MW-05-FD	< 0.117	< 0.117	NC	NC	NC
Carbon tetrachloride	G94-13-MW-37	G94-13-MW-37-FD	< 0.117	< 0.117	NC	NC	NC
Chlorobenzene	G94-01-MW-01	G94-01-MW-01-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	< 0.112	< 0.112	NC	NC	NC
Chlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	< 0.112	< 0.112	NC	NC	NC
Chloroethane	G94-01-MW-01	G94-01-MW-01-FD	< 0.0972	0.100	NC	NC	NC
Chloroethane	G94-05-MW-02	G94-05-MW-02-FD	< 0.0972	< 0.0972	NC	NC	NC
Chloroethane	G94-06-MW-03	G94-06-MW-03-FD	< 0.0972	< 0.0972	NC	NC	NC
Chloroethane	G94-09-MW-05	G94-09-MW-05-FD	< 0.0972	< 0.0972	NC	NC	NC
Chloroethane	G94-13-MW-37	G94-13-MW-37-FD	< 0.0972	< 0.0972	NC	NC	NC

Compiled: 22 March 1995 NC = Not Critable (

Parameter	Sample ID	Duplicate Sample ID	Value		Dup	Duplicate Value	Mean Value	Standard	RPD (%)
						`	 		                 
Method = SW8260 - Volatile Organic Compounds Tyme of Dunlicate · Field Dunlicate cont	Irganic Compounds								
, , , , , , , , , , , , , , , , , , ,									
Chloroform	G94-01-MW-01	G94-01-MW-01-FD	> 0.0	0.0363	v	0.0363	NC	NC	NC
Chloroform	G94-05-MW-02	G94-05-MW-02-FD	> 0.0	0.0363	v	0.0363	NC	NC	NC
Chloroform	G94~06-MW-03	G94-06-MW-03-FD	> 0.0	0.0363	v	0.0363	NC	NC.	NC
Chloroform	G94-09-MW-05	G94-09-MW-05-FD	× 0.0	0.0363	v	0.0363	NC	NC	NC
Chloroform	G94-13-MW-37	G94-13-MW-37-FD	× 0.0	0.0363	v	0.0363	SC	NC	NC
Chloromethane	G94-01-MW-01	G94-01-MW-01-FD	0	0.570		0.650	0.610	0.0566	13.1
Chloromethane	G94-05-MW-02	G94-05-MW-02-FD	0	0.240 (B)		0.510	0.375	0.191	72.0
Chloromethane	G94-06-MW-03	G94-06-MW-03-FD	>	0.155 (JB)	v	0.155	SC	SC	NC
Chloromethane	G94-09-MW-05	G94-09-MW-05-FD	0 >	0.155	v	0.155	S	NC	NC
Chloromethane	G94-13-MW-37	G94-13-MW-37-FD	0	0.310	v	0.155	S	NC	NC
Dibromochloromethane	G94-01-MW-01	G94-01-MW-01-FD	× 0.0	0.0283	v	0.0283	SC	NC	NC
Dibromochloromethane	G94-05-MW-02	G94-05-MW-02-FD	, o o.	0.0283	v	0.0283	S	NC	NC
Dibromochloromethane	G94-06-MW-03	G94-06-MW-03-FD	× 0.0	0.0283	v	0.0283	SC	NC	NC
Dibromochloromethane	G94-09-MW-05	G94-09-MW-05-FD	· 0 ·	0.0283	v	0.0283	SC	NC	NC
Dibromochloromethane	G94-13-MW-37	G94-13-MW-37-FD	× 0.0	0.0283	v	0.0283	NC	NC	NC
Dibromomethane	G94-01-MW-01	G94-01-MW-01-FD	0	0.220	v	0.0598	2	NC	NC
Dibromomethane	G94-05-MW-02	G94-05-MW-02-FD	· 0 ·	0.0598	v	0.0598	NC	NC	NC
Dibromomethane	G94-06-MW-03	G94-06-MW-03-FD	× 0.	0.0598		0.220	NC	NC	SC
Dibromomethane	G94-09-MW-05	G94-09-MW-05-FD	0	0.220		0.200	0.210	0.0141	9.52
Dibromomethane	G94-13-MW-37	G94-13-MW-37-FD	0	0.210	v	0.0598	NC	NC	NC
Ethyl benzene	G94-01-MW-01	G94-01-MW-01-FD	0 >	0.110 (J)	v	0.110 (J)	NC	NC	NC
Ethyl benzene	G94-05-MW-02	G94~05-MW-02-FD	0 >	0.110	v	0.110	NC	NC	NC
Ethyl benzene	G94-06-MW-03	G94-06-MW-03-FD	0 >	0.110	v	0.110	NC	NC	NC
Ethyl benzene	G94-09-MW-05	G94-09-MW-05-FD	0 >	0.110 (J)	v	0.110 (J)	SC	NC	NC
Ethyl benzene	G94-13-MW-37	G94-13-MW-37-FD	0 >	0.110	v	0.110	NC	NC	NC
Meta-&Para-Xylene	G94-01-MW-01	G94-01-MW-01-FD	0 >	0.365 (J)	v	0.365 (J)	NC	NC	S
Meta-&Para-Xylene	G94-05-MW-02	G94-05-MW-02-FD	o ×	0.365	v	0.365 (J)	NC	NC	NC

Parameter 	Sample ID	Duplicate Sample ID	<b>&gt;</b> -	Value	10 1	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
<pre>Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Field Duplicate, cont.</pre>	• Organic Compounds Duplicate, cont.								
Meta-&Para-Xylene	G94-06-MW-03	G94-06-MW-03-FD	v	0.365	٧	0.365	NC	NC	NC
Meta-&Para-Xylene	G94-09-MW-05	G94-09-MW-05-FD	٧	0.365 (J)	v	0.365 (J)	NC	NC	NC
Meta-&Para-Xylene	G94-13-MW-37	G94~13-MW-37-FD	V	0.365 (J)	v	0.365 (J)	NC	NC	NC
Methylene Chloride	G94-01-MW-01	G94-01-MW-01-FD		0.220 (B)		0.190 (B)	0.205	0.0212	14.6
Methylene Chloride	G94-05-MW-02	G94-05-MW-02-FD		0.210 (B)		0.950 (B)	0.580	0.523	128
Methylene Chloride	G94-06-MW-03	G94-06-MW-03-FD		0.290 (B)		0.430 (B)	0.360	0.0300	38.9
Methylene Chloride	G94-09-MW-05	G94-09-MW-05-FD		0.360 (B)		0.330 (B)	0.345	0.0212	8.70
Methylene Chloride	G94-13-MW-37	G94-13-MW-37-FD		0.180 (B)	v	0.151 (JB)	NC	NC	NC
Ortho-Xylene	G94-01-MW-01	G94-01-MW-01-FD	٧	0.124 (J)	<b>v</b>	0.124	NC	NC	NC
Ortho-Xylene	G94-05-MW-02	G94-05-MW-02-FD	٧	0.124	v	0.124	NC	NC	NC
Ortho-Xylene	G94-06-MW-03	G94-06-MW-03-FD	v	0.124	v	0.124	NC	NC	NC
Ortho-Xylene	G94-09-MW-05	G94-09-MW-05-FD	v	0.124	v	0.124	NC	NC	NC
Ortho-Xylene	G94-13-MW-37	G94-13-MW-37-FD	v	0.124	٧	0.124	NC	NC	NC
Styrene	G94-01-MW-01	G94-01-MW-01-FD	<b>v</b>	0.113	v	0.113	S	NC	NC
Styrene	G94-05-MW-02	G94-05-MW-02-FD	٧	0.113	v	0.113	NC	NC	NC
Styrene	G94-06-MW-03	G94-06-MW-03-FD	V	0.113	v	0.113	NC	NC	NC
Styrene	G94-09-MW-05	G94-09-MW-05-FD	v	0.113	v	0.113	NC	NC	NC
Styrene	G94-13-MW-37	G94-13-MW-37-FD	٧	0.113	v	0.113	NC	NC	NC
Tetrach oroethene	G94-01-MW-01	G94-01-MW-01-FD	٧	0.209	v	0.209	NC	NC	NC
Tetrachloroethene	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	0.209	v	0.209	NC	NC	NC
Tetrachloroethene	G94-06-MW-03	G94-06-MW-03-FD	٧	0.209	v	0.209	NC	NC	NC
Tetrachloroethene	G94-09-MW-05	G94-09-MW-05-FD	٧	0.209	v	0.209	NC	NC	NC
Tetrachloroethene	G94-13-MW-37	G94-13-MW-37-FD	v	0.209	v	0.209	NC	NC	NC
Toluene	G94-01-MW-01	G94-01-MW-01-FD		0.240		0.280	0.260	0.0283	15.4
Toluene	G94-05-MW-02	G94-05-MW-02-FD	٧	0.0336	v	0.0336	NC	NC	NC
Toluene	G94-06-MW-03	G94-06-MW-03-FD	V	0.0336		0.0800	NC	NC	NC
Toluene	G94~09-MW-05	G94-09-MW-05-FD		0.0400	v	0.0336	NC	NC	NC

Compiled: 22 March 1995 NC = Not Carlable (

Parameter 	Sample ID	Jup Teate Sample ID	Ν̈́	Value	dh d	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Field Duplicate, cont.	rganic Compounds plicate, cont.								
Toluene	G94-13-MW-37	G94-13-MW-37-FD		0.130		0.130	0.130	0.00	0.00
Trichloroethene	G94-01-MW-01	G94-01-MW-01-FD	V	0.0439	v	0.0439	NC	NC	NC
Trichloroethene	G94-05-MW-02	G94-05-MW-02-FD	٧	0.0439		0.300	NC	NC	NC
Trichloroethene	G94-06-MW-03	G94-06-MW-03-FD	v	0.0439	v	0.0439	NC	NC	NC
Trichloroethene	G94-09-MW-05	G94-09-MW-05-FD	v	0.0439	v	0.0439	NC	NC	NC
Trichloroethene	G94-13-MW-37	G94-13-MW-37-FD		0.330		0.360	0.345	0.0212	8.70
Trichlorofluoromethane	G94-01-MW-01	G94-01-MW-01-FD	v	0.0943	v	0.0943	NC	NC	NC
Trichlorofluoromethane	G94-05-MW-02	G94-05-MW-02-FD		0.190		0.140	0.165	0.0354	30.3
Trichlorofluoromethane	G94-06-MW-03	G94-06-MW-03-FD	v	0.0943	<b>v</b>	0.0943	NC	NC	NC
Trichlorofluoromethane	G94-09-MW-05	G94-09-MW-05-FD	v	0.0943	v	0.0943	NC	NC	NC
Trichlorofluoromethane	G94-13-MW-37	G94-13-MW-37-FD	v	0.0943	v	0.0943	NC	NC	NC
Vinyl Chloride	G94-01-MW-01	G94-01-MW-01-FD	<b>v</b>	0.0992	<b>v</b>	0.0992	NC	NC	NC
	G94-05-MW-02	G94-05-MW-02-FD	v	0.0992	v	0.0992	2	NC	NC
	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.0992 (J)	v	0.0992	NC	NC	NC
	G94-09-MW-05	G94-09-MW-05-FD	v	0.0992	v	0.0992	2	NC	NC
	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.0992	v	0.0992	NC	NC	NC
	G94-01-MW-01	G94-01-MW-01-FD	<b>v</b>	0.127	v	0.127	S	NC	NC
	G94-05-MW-02	G94-05-MW-02-FD	٧	0.127	v	0.127	S	NC	NC
	G94-06-MW-03	G94-06-MW-03-FD	v	0.127	v	0.127	Ş	NC	NC
Vinyl acetate	G94-09-MW-05	G94-09-MW-05-FD	٧	0.127	v	0.127	S	NC	NC
Vinyl acetate	G94-13-MW-37	G94-13-MW-37-FD	v	0.127	<b>v</b>	0.127	NC	NC	NC .
cis-1,2-Dichloroethene	G94-01-MW-01	G94-01-MW-01-FD	v	0.0785	<b>v</b>	0.0785	S	NC	NC
cis-1,2-Dichloroethene	G94-05-MW-02	G94-05-MW-02-FD	v	0.0785	v	0.0785	SC	NC	NC
cis-1,2-Dichloroethene	G94-06-MW-03	G94-06-MW-03-FD		1.13		1.03	1.08	0.0707	9.26
cis-1,2-Dichloroethene	G94-09-MW-05	G94-09-MW-05-FD	v	0.0785	v	0.0785	S	NC	NC
cis-1,2-Dichloroethene	G94-13-MW-37	G94-13-MW-37-FD	٧	0.0785	, <b>v</b>	0.0785	S	NC	NC
cis-1,3-Dichloropropene	G94-01-MW-01	G94-01-MW-01-FD	<b>v</b>	0.0758	v	0.0758	NC	NC	NC

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Field Duplicate, cont.	ganic Compounds licate, cont.						
cis-1,3-Dichloropropene	G94-05-MW-02	G94-05-MW-02-FD	< 0.0758	< 0.0758	NC	NC	NC
cis-1,3-Dichloropropene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0758	< 0.0758	NC	NC	NC
cis-1,3-Dichloropropene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0758	< 0.0758	NC	NC	NC
cis-1,3-Dichloropropene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0758	< 0.0758	NC	NC	NC
trans-1,2-Dichloroethene	G94-01-MW-01	G94-01-MW-01-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,2-Dichloroethene	G94-05-MW-02	G94-05-MW-02-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,2-Dichloroethene	G94-06-MW-03	G94-06-MW-03-FD	< 0.131	< 0.131	NC	· NC	NC
trans-1,2-Dichloroethene	G94-09-MW-05	G94-09-MW-05-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,2-Dichloroethene	G94-13-MW-37	G94-13-MW-37-FD	< 0.131	< 0.131	NC	NC	NC
trans-1,3-Dichloropropene	G94-01-MW-01	G94-01-MW-01-FD	< 0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-05-MW-02	G94-05-MW-02-FD	0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-06-MW-03	G94-06-MW-03-FD	< 0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-09-MW-05	G94-09-MW-05-FD	< 0.0829	< 0.0829	NC	NC	NC
trans-1,3-Dichloropropene	G94-13-MW-37	G94-13-MW-37-FD	< 0.0829	< 0.0829	NC	NC	NC
Method = SW8260 - Volatile Organic Compounds	Janic Compounds						
Type of Duplicate : Laboratory Control Duplicate	/ Control Duplicate						
1,1,1-Trichloroethane	LCS946318	LCSD946319	100	103	102	2,12	2.96
1,1,1-Trichloroethane	LCS946339	LCSD946340	103	116	110	9.19	11.9
1,1,1-Trichloroethane	LCS946478	LCSD946479	103	109	106	4.24	5.66
1,1,1-Trichloroethane	LCS946487	LCSD946488	114	116	115	1.41	1.74
1,1,2,2-Tetrachloroethane	LCS946318	LCSD946319	107	100	104	4.95	6.76
1,1,2,2-Tetrachloroethane	LCS946339	LCSD946340	105	103	104	1.41	1.92
1,1,2,2-Tetrachloroethane	LCS946478	LCSD946479	107	115	111	5.66	7.21
1,1,2,2-Tetrachloroethane	LCS946487	LCSD946488	101	109	105	5.66	7.62

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Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Laboratory Control Duplicate , cont.	ganic Compounds y Control Duplicate , cont.						
1,1,2-Trichloroethane	LCS946318	LCSD946319	97.0	93.0	95.0	2.83	4.21
1,1,2-Trichloroethane	LCS946339	LCSD946340	103	104	104	0.707	0.966
1,1,2-Trichloroethane	LCS946478	LCSD946479	0.96	103	99.5	4.95	7.04
1,1,2-Trichloroethane	LCS946487	LCSD946488	0.86	103	101	3.54	4.98
1,1-Dichloroethane	LCS946318	LCSD946319	0.66	102	101	2.12	2.99
1,1-Dichloroethane	LCS946339	LCSD946340	0.96	110	103	9.90	13.6
1,1-Dichloroethane	LCS946478	LCSD946479	97.0	100	98.5	2.12	3.05
1,1-Dichloroethane	LCS946487	LCSD946488	107	105	106	1.41	1.89
1,1-Dichloroethene	LCS946318	LCSD946319	93.0	97.0	95.0	2.83	4.21
1,1-Dichloroethene	LCS946339	LCSD946340	0.66	114	107	10.6	14.1
1,1-Dichloroethene	LCS946478	LCSD946479	100	104	102	2.83	3.92
1,1-Dichloroethene	LCS946487	LCSD946488	, 117	117	117	0.00	0.00
1,2-Dichloroethane	LCS946318	LCSD946319	107	106	107	0.707	0.939
1,2-Dichloroethane	LCS946339	LCSD946340	108	115	112	4.95	6.28
1,2-Dichloroethane	LCS946478	LCSD946479	108	115	112	4.95	6.28
1,2-Dichloroethane	LCS946487	LCSD946488	108	114	111	4.24	5.41
1,2-Dichloropropane	LCS946318	LCSD946319	102	101	102	0.707	0.985
1,2-Dichloropropane	LCS946339	LCSD946340	101	101	101	0.00	0.00
1,2-Dichloropropane	LCS946478	LCSD946479	102	106	104	2.83	3.85
1,2-Dichloropropane	LCS946487	LCSD946488	0.66	104	102	3.54	4.93
2-Butanone(MEK)	LCS946318	LCSD946319	104	95.0	99.5	6.36	9.05
2-Butanone(MEK)	LCS946339	LCSD946340	0.06	85.0	87.5	3.54	5.71
2-Butanone(MEK)	LCS946478	LCSD946479	0.86	. 101	99.5	2.12	3.02
2-Butanone(MEK)	LCS946487	LCSD946488	0.68	96.0	92.5	4.95	7.57
2-Chloroethyl vinyl ether	LCS946318	LCSD946319	0.86	111	105	9.19	12.4
2-Chloroethyl vinyl ether	LCS946339	LCSD946340	95.0	106	101	7.78	10.9
2-Chloroethyl vinyl ether	LCS946478	LCSD946479	118	101	110	12.0	15.5

Parameter 	Sample ID	Ouplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Laboratory Control Duplicate , cont	ganic Compounds y Control Duplicate , cont	ı.f.					
2-Chloroethyl vinyl ether	LCS946487	LCSD946488	109	113	111	2.83	3.60
2-Hexanone 2-Hexanone	LCS946318 LCS946339	LCSD946319 LCSD946340	105 93.0	98.0	102	4.95	6.90
2-Hexanone	LCS946478	LCSD946479	102	103	103	0.707	0.976
2-Hexanone	LCS946487	LCSD946488	85.0	92.0	88.5	4.95	7.91
4-Methyl-2-Pentanone(MIBK)	LCS946318	LCSD946319	118	111	115	4.95	6.11
4-Methyl-2-Pentanone(MIBK)	LCS946339	LCSD946340	113	108	111	3.54	4.52
4-Methyl-2-Pentanone(MIBK)	LCS946478	LCSD946479	122	129	126	4.95	5.58
4-Methyl-2-Pentanone(MIBK)	LCS946487	LCSD946488	104	113	109	6.36	8.29
Acetone	LCS946318	LCSD946319	71.0	67.0	0.69	2.83	5.80
Acetone	LCS946339	LCSD946340	0.99	61.0	63.5	3.54	7.87
Acetone	LCS946478	LCSD946479	0.67	76.0	77.5	2.12	3.87
Acetone	LCS946487	LCSD946488	64.0	67.0	65.5	2.12	4.58
Benzene	LCS946318	LCSD946319	107	107	107	00.00	0.00
Benzene	LCS946339	LCSD946340	107	110	109	2.12	2.76
Benzene	LCS946478	LCSD946479	109	113	111	2.83	3.60
Benzene	LCS946487	LCSD946488	110	115	113	3.54	4.44
Bromodichloromethane	LCS946318	LCSD946319	98.0	98.0	98.0	0.00	00.00
Bromodichloromethane	LCS946339	LCSD946340	106	105	106	0.707	0.948
Bromodichloromethane	LCS946478	LCSD946479	111	115	113	2.83	3.54
Bromodichloromethane	LCS946487	LCSD946488	103	110	107	4.95	6.57
Bromoform	LCS946318	LCSD946319	100	96.0	98.0	2.83	4.08
Bromoform	LCS946339	LCSD946340	0.96	96.0	0.96	00.00	0.00
Bromoform	LCS946478	LCSD946479	0.96	103	99.5	4.95	7.04
Bromoform	LCS946487	LCSD946488	0.96	98.0	97.0	1.41	2.06
Bromomethane	LCS946318	LCSD946319	84.0	84.0	84.0	00.00	00.00
Bromomethane	LCS946339	LCSD946340	87.0	0.96	91.5	6.36	9.84

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

			; ; ; ;		1 2 8 6 8		KPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Laboratory Control Dupli	Volatile Organic Compounds : Laboratory Control Duplicate , cont.						
Bromomethane	LCS946478	LCSD946479	77.0	79.0	78.0	1.41	2.56
Bromomethane	LCS946487	LCSD946488	91.0	92.0	91.5	0.707	1.09
Carbon disulfide	LCS946318	LCSD946319	118	123	121	3.54	4.15
Carbon disulfide	LCS946339	LCSD946340	115	126	121	7.78	9.13
Carbon disulfide	LCS946478	LCSD946479	103	107	105	2.83	3.81
Carbon disulfide	LCS946487	LCSD946488	119	119	119	00.00	00.00
Carbon tetrachloride	LCS946318	LCSD946319	0.06	92.0	91.0	1.41	2.20
Carbon tetrachloride	LCS946339	LCSD946340	108	112	110	2.83	3.64
Carbon tetrachloride	LCS946478	LCSD946479	106	111	109	3.54	4.61
Carbon tetrachloride	LCS946487	LCSD946488	101	110	106	6.36	8.53
Chlorobenzene	LCS946318	LCSD946319	93.0	92.0	92.5	0.707	1.08
Chlorobenzene	LCS946339	LCSD946340	95.0	0.66	97.0	2.83	4.12
Chlorobenzene	LCS946478	LCSD946479	89.0	95.0	92.0	4.24	6.52
Chlorobenzene	LCS946487	LCSD946488	98.0	101	99.5	2.12	3.02
Chloroethane	LCS946318	LCSD946319	107	118	113	7.78	9.78
Chloroethane	LCS946339	LCSD946340	114	133	124	13.4	15.4
Chloroethane	LCS946478	LCSD946479	0.96	101	98.5	3.54	5.08
Chloroethane	LCS946487	LCSD946488	123	123	123	0.00	0.00
Chloroform	LCS946318	LCSD946319	93.0	95.0	94.0	1.41	2.13
Chloroform	LCS946339	LCSD946340	98.0	108	103	7.07	9.71
Chloroform	LCS946478	LCSD946479	98.0	104	101	4.24	5.94
Chloroform	LCS946487	LCSD946488	104	108	106	2.83	3.77
Chloromethane	LCS946318	LCSD946319	75.0	75.0	75.0	0.00	0.00
Chloromethane	LCS946339	LCSD946340	84.0	92.0	88.0	5.66	60.6
Chloromethane	LCS946478	LCSD946479	73.0	75.0	74.0	1.41	2.70
Chloromethane	LCS946487	LCSD946488	82.0	83.0	82.5	0.707	1.21
Dibromochloromethane	LCS946318	LCSD946319	95.0	92.0	93.5	2.12	3.21

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Laboratory Control Duplicate	Organic Compounds cory Control Duplicate , cont.	÷					
Dibromochloromethane	LCS946339	LCSD946340	98.0	98.0	98.0	0.00	0.00
Ulbromochloromethane	LCS946478	LCSD946479	93.0	101	97.0	5.66	8.25
Ulbromochloromethane	LCS946487	LCSD946488	94.0	0.86	96.0	2.83	4.17
thyl benzene	LCS946318	LCSD946319	98.0	98.0	98.0	0.00	0.00
Ethyl benzene	LCS946339	LCSD946340	94.0	101	97.5	4.95	7.18
Ethyl benzene	LCS946478	LCSD946479	87.0	91.0	89.0	2.83	4.49
thy! benzene	LCS946487	LCSD946488	100	100	100	0.00	00.00
Meta-&Para-Xylene	LCS946318	LCSD946319	0.76	101	0.66	2.83	4.04
Meta-&Para-Xylene	LCS946339	LCSD946340	100	108	104	5.66	7.69
Meta-&Para-Xylene	LCS946478	LCSD946479	95.0	97.0	94.5	3.54	5.29
Meta-&Para-Xylene	LCS946487	LCSD946488	104	104	104	0.00	0.00
Methylene Chloride	LCS946318	LCSD946319	113	110	112	2.12	2.69
Methylene Chloride	LCS946339	LCSD946340	102	110	106	5.66	7.55
Methylene Chloride	LCS946478	LCSD946479	, 114	122	118	5.66	6.78
Methylene Chloride	LCS946487	LCSD946488	123	131	127	5.66	6.30
Ortho-Xylene	LCS946318	LCSD946319	0.66	0.66	0.66	0.00	0.00
Ortho-Xylene	LCS946339	LCSD946340	101	107	104	4.24	5.77
Ortho-Xylene	LCS946478	LCSD946479	94.0	0.66	96.5	3.54	5.18
Ortho-Xylene 	LCS946487	LCSD946488	104	105	105	0.707	0.957
Styrene	LCS946318	LCSD946319	0.66	0.66	0.66	0.00	0.00
Styrene	LCS946339	LCSD946340	0.66	101	100	1.41	2.00
Styrene	LCS946478	LCSD946479	94.0	0.66	96.5	3.54	5.18
Styrene	LCS946487	LCSD946488	104	102	103	1.41	1.94
etrach oroethene  -	LCS946318	LCSD946319	91.0	0.96	93.5	3.54	5.35
letrachloroethene	LCS946339	LCSD946340	93.0	101	97.0	5.66	8.25
etrach oroethene	LCS946478	LCSD946479	84.0	0.06	87.0	4.24	06.9
letrachloroethene	LCS946487	LCSD946488	100	0.66	99.5	0.707	1.01

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		Duplicate		Duplicate	Mean	tandard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1	
Method = SW8260 - Vole	Method = SW8260 - Volatile Organic Compounds						
vpe of Dublicate : La	ype of Dublicate : Laboratory Control Dublicate . cont.	ont.					

<b></b>	LCSD946319 LCSD946340		103	102 106	103 104	0.707	0.976 3.85
Toluene	LCS946478	LCSD946479	103	105	104	1.41	1.92
o uene 	LCS946487	LCSD946488	105	107	106	1.41	1.89
irichioroetnene Trichloxoethono	LCS946318	LCSD946319	92.0	94.0	93.0	1.41	2.15
richloroethene	1,0046479	LC3D346340	96.0	102	99.0	4.24	90.9
rich oroethene	LC39464/8	LCSD946479	93.0	98.0	95.5	3.54	5.24
richloroethene	LCS946487	L.CSD946488	101	103	102	1.41	1.96
Trichlorofluoromethane	LCS946318	- LCSD946319	70.0	78.0	74.0	5.66	10.8
Trichlorofluoromethane	LCS946339	LCSD946340	0.96	110	103	9.90	13.6
[rich]orof]uoromethane	LCS946478	LCSD946479	94.0	98.0	96.0	2.83	4.17
frichlorofluoromethane	LCS946487	LCSD946488	105	104	105	0.707	0.957
Vinyl Chloride	LCS946318	LCSD946319	76.0	80.0	78.0	2.83	5.13
Vinyl Chloride	LCS946339	LCSD946340	81.0	92.0	86.5	7.78	12.7
Vinyl Chloride	LCS946478	LCSD946479	0.69	73.0	71.0	2.83	5.63
Vinyl Chloride .	LCS946487	LCSD946488	82.0	85.0	83.5	2.12	3.59
Vinyl acetate	LCS946318	LCSD946319	116	108	112	5.66	7.14
Viny} acetate	LCS946339	LCSD946340	103	103	103	0.00	0.00
Vinyl acetate	LCS946478	LCSD946479	102	109	106	4.95	6.64
Vinyl acetate	LCS946487	LCSD946488	108	107	108	0.707	0.930
cis∼1,3-Dichloropropene	LCS946318	LCSD946319	102	97.0	99.5	3.54	5.03
cis-1,3-Dichloropropene	LCS946339	LCSD946340	103	102	103	0.707	0.976
cis-1,3-Dichloropropene	LCS946478	LCSD946479	110	111	111	0.707	0.905
cis-1,3-Dichloropropene	LCS946487	LCSD946488	100	106	103	4.24	5.83
crans-1,2-Dichloroethene	LCS946318	LCSD946319	104	106	105	1.41	1.90
trans-1,2-Dichloroethene	LCS946339	LCSD946340	0.66	110	105	7.78	10.5
trans-1,2-Dichloroethene	LCS946478	LCSD946479	0.66	102	101	2.12	2.99

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean	Standard Deviation	RPD (%)
Method = SW8260 - Volatile Organic Compounds Type of Duplicate : Laboratory Control Duplicate , cont.	anic Compounds Control Duplicate , cont.						
trans-1,2-Dichloroethene	LCS946487	LCSD946488	116	113	115	2.12	2.62
trans-1,3-Dichloropropene	LCS946318	LCSD946319	103	100	102	2.12	2.96
trans-1,3-Dichloropropene trans-1,3-Dichloropropene	LCS946339 LCS946478	LCSD946340 LCSD946479	101 103	98.0 108	99.5 106	2.12 3.54	3.02
trans-1,3-Dichloropropene	LCS946487	LCSD946488	103	108	106	3.54	4.74
Method = SW8260 - Volatile Organic Compounds	anic Compounds						
Type of Duplicate : Matrix Spike Duplicate	ke Duplicate						
1,1-Dichloroethene	G94-01-MW-05	G94-01-MW-05	92.0	92.0	92.0	0.00	0.00
1,1-Dichloroethene	G94-06-MW-02	G94-06-MW-02	89.0	0.06	89.5	0.707	1.12
1,1-Dichloroethene	G94-06-MW-03	G94-06-MW-03	92.0	103	97.5	7.78	11.3
1,1-Dichloroethene	G94-13-MW-37	G94-13-MW-37	93.0	91.0	92.0	1.41	2.17
Benzene	G94-01-MW-05	G94-01-MW-05	0.66	100	99.5	0.707	1.01
Benzene	G94-06-MW-02	G94-06-MW-02	103	104	104	0.707	0.966
Benzene	G94-06-MW-03	G94-06-MW-03	103	108	106	3.54	4.74
Benzene	G94-13-MW-37	G94-13-MW-37	95.0	102	98.5	4.95	7.11
Chlorobenzene	G94-01-MW-05	G94-01-MW-05	98.0	100	0.66	1.41	2.02
Chlorobenzene	G94-06-MW-02	G94-06-MW-02	101	100	101	0.707	0.995
Chlorobenzene	G94-06-MW-03	G94-06-MW-03	0.96	102	99.0	4.24	90.9
Chlorobenzene	G94-13-MW-37	G94-13-MW-37	98.0	104	101	4.24	5.94
Toluene	G94-01-MW-05	G94-01-MW-05	0.66	98.0	98.5	0.707	1.02
Toluene	G94-06-MW-02	G94-06-MW-02	101	99.0	100	1.41	2.00
Toluene	G94-06-MW-03	G94-06-MW-03	100	105	103	3.54	4.88
Toluene	G94-13-MW-37	G94-13-MW-37	92.0	0.76	94.5	3.54	5.29
Trichloroethene	G94-01-MW-05	G94-01-MW-05	0.96	0.96	96.0	0.00	0.00

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Parameter 	Sample ID	Duplicate Sample ID	Va	Value	and	Duplicate Value	Mean Value	Standard	RPD (%)
O CLIPTON NOTES OF			•						
Method = 3W8200 - Volatile Organic Compounds Type of Duplicate : Matrix Spike Duplicate , cont.	rganic compounds pike Duplicate , cont.								
Trichloroethene	G94-06-MW-02	G94-06-MW-02		100		0.06	95.0	7.07	10.5
Trichloroethene	G94-06-MW-03	G94-06-MW-03		95.0		102	98.5	4.95	7.11
Trichloroethene	G94-13-MW-37	G94-13-MW-37		95.0		100	97.5	3.54	5.13
Wethod = SW8270 - Semivolatile Organics	le Organics								
Type of Duplicate : Field Duplicate	plicate								
1,2,4-Trichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	V	0.435	v	0.893	N	NC	NC
1,2,4-Trichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	٧	0.620	v	0.626	NC	NC	NC
1,2,4-Trichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	v	0.498	v	0.488	Ş	NC	NC
1,2,4-Trichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	v	0.435	v	0.431	S	NC	NC
1,2-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	v	0.608	v	0.755	NC	NC	NC
1,2-Dichlorobenzene	G94-06-MW-03	G94~06-MW-03-FD	v	0.677	v	0.683	NC	NC	₽C
1,2-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	v	0.604	v	0.592	S	NC	NC
1,2-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	v	0.608	v	0.602	NC	NC	NC
1,3-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	v	0.553	v	0.459	S	NC	NC
1,3-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	v	0.731	v	0.738	S	NC	NC
1,3-Dichlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	٧	0.405	v	0.397	S	NC	NC
1,3-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37-FD	v	0.553	٧	0.548	S	NC	NC
1,4-Dichlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	V	0.724	v	0.719	S	NC	NC
1,4-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	v	1.35	v	1.36	S	NC	NC
1,4-Dichlorobenzene	G94-09-MW-05	G94~09-MW-05-FD	v	1.59	v	1.56	S	NC	NC
1,4-Dichlorobenzene	G94-13-MW-37	G94~13-MW-37-FD	v	0.724	v	0.717	S	NC	NC
2,4,5-Trichlorophenol	G94-05-MW-02	G94-05-MW-02-FD	v	0.544	v	0.716	S	NC .	NC
2,4,5-Trichlorophenol	G94-06-MW-03	G94-06-MW-03-FD	v	0.458	v	0.462	NC	NC	NC
2,4,5-Trichlorophenol	G94-09-MW-05	G94-09-MW-05-FD	v	0.323	v	0.317	NC	NC	NC

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Field Duplicate, cont.	lle Organics uplicate, cont.						
2,4,5-Trichlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.544	< 0.539	. NC	NC	NC
2,4,6-Trichlorophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.648	< 0.515	NC	NC	NC
2,4,6-Trichlorophenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.433	< 0.437	NC	NC	NC
2,4,6-Trichlorophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.385	< 0.377	NC	NC	NC
2,4,6-Trichlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.648	< 0.642	NC	NC	NC
2,4-Dichlorophenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.861	< 0.231	NC	NC	NC
2,4-Dichlorophenol	G94~06-MW-03	G94-06-MW-03-FD	< 0.674	< 0.681	NC	NC	NC
2,4-Dichlorophenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.404	> 0.396	NC	NC	NC
2,4-Dichlorophenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.861	< 0.852	NC	NC	NC
2,4-Dimethylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.798	> 0.900	NC	NC	NC
2,4-Dimethylphenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.625	< 0.631	NC	NC	NC
2,4-Dimethylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.658	< 0.645	NC	NC	NC
2,4-Dimethylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.798	< 0.790	NC	NC	NC
2,4-Dinitrophenol	G94-05-MW-02	G94~05-MW-02-FD	< 1.11	< 2.86	NC	NC	NC
2,4-Dinitrophenol	G94-06-MW-03	G94-06-MW-03-FD	< 1.84	< 1.85	NC	NC	NC
2,4-Dinitrophenol	G94-09-MW-05	G94-09-MW-05-FD	< 1.21	< 1.19	NC	NC	NC
2,4-Dinitrophenol	G94-13-MW-37	G94-13-MW-37-FD	< 1.11	< 1.10	NC	NC	NC
2,4-Dinitrotoluene	G94-05-MW-02	G94-05-MW-02-FD	> 0.676	< 0.512	NC	NC	NC
2,4-Dinitrotoluene	G94-06-MW-03	G94-06-MW-03-FD	< 0.747	< 0.754	NC	NC	NC
2,4-Dinitrotoluene	G94-09-MW-05	G94-09-MW-05-FD	< 0.317	< 0.311	NC	NC	NC
2,4-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37-FD	> 0.676	< 0.670	NC	NC	NC
2,6-Dinitrotoluene	G94-05-MW-02	G94-05-MW-02-FD	< 0.737	< 0.807	NC	NC	NC
2,6-Dinitrotoluene	G94-06-MW-03	G94-06-MW-03-FD	< 0.723	< 0.730	NC	NC	NC
2,6-Dinitrotoluene	G94-09-MW-05	G94-09-MW-05-FD	< 0.618	> 0.606	NC	NC	NC
2,6-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37-FD	< 0.737	< 0.730	NC	. NC	NC
2-Chloronaphthalene	G94-05-MW-02	G94-05-MW-02-FD	< 0.650	< 1.17	NC	NC	NC
2-Chloronaphthalene	G94-06-MW-03	G94-06-MW-03-FD	< 0.925	< 0.934	NC	NC	NC

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		Sample ID	Value	en !	Value	 	Value	Deviation 	KPU (%)
lype of Duplicate : Fleid Duplicate, cont.	ics cont.								
2-Chloronaphthalene G94	G94-09-MW-05	G94-09-MW-05-FD	v	0.797	· v	0.781	NC	NC	NC
2-Chloronaphthalene G94	G94-13-MW-37	G94-13-MW-37-FD	v	0.650	v	0.644	NC	NC	NC
2-Chlorophenol G94	G94-05-MW-02	G94-05-MW-02-FD	v	0.560	· v	0.691	NC	NC	NC
,	G94-06-MW-03	G94-06-MW-03-FD	v	0.612	· v	0.618	NC	NC	NC
	G94-09-MW-05	G94~09-MW-05-FD	v	0.537	۷	0.526	NC	NC	NC
2-Chlorophenol 694	G94-13-MW-37	G94-13-MW-37-FD	v	0.560	v	0.554	SC	NC	NC
	G94-05-MW-02	G94-05-MW-02-FD	v	0.575	· ·	0.744	NC	NC	NC
	G94-06-MW-03	G94-06-MW-03-FD	v	1.12	v	1.14	NC	NC	NC
2-Methylnaphthalene G94	G94-09-MW-05	G94-09-MW-05-FD	v	0.811	· ·	0.795 (J)	NC	NC	NC
ıalene	G94-13-MW-37	G94-13-MW-37-FD	v	0.575	۷	0.569	NC	NC	NC
	G94-05-MW-02	G94-05-MW-02-FD	v	0.311	v	0.649	NC	NC	NC
	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.553	v	0.558	NC	NC	NC
_	G94-09-MW-05	G94-09-MW-05-FD	v	0.477	۷	0.468	SC	NC	NC
	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.311	) v	0.308	SC	NC	NC
	G94-05-MW-02	G94-05-MW-02-FD	v	0.730	v	1.17	NC	NC	NC
	G94-06-MW-03	G94-06-MW-03-FD	v	0.719	v	0.726	SC	NC	SC
	G94-09-MW-05	G94-09-MW-05-FD	v	0.515	·	0.505	NC	NC	NC
9	G94-13-MW-37	G94-13-MW-37-FD	v	0.730	v	0.723	NC	NC	NC
	694-05-MW-02	G94-05-MW-02-FD	v	0.733	v	0.705	NC	NC	NC
	394-06-MW-03	G94-06-MW-03-FD	v	1.04	v	1.05	NC	NC	NC
	G94-09-MW-05	G94-09-MW-05-FD	v	0.773	· v	0.758	NC	NC	NC
	G94-13-MW-37	G94-13-MW-37-FD	v	0.733	v	0.726	NC	SC	NC
	G94-05-MW-02	G94-05-MW-02-FD	v	0.885	· v	0.550	NC	NC	NC
	G94-06-MW-03	G94-06-MW-03-FD	v	0.688	· ·	0.695	NC	NC	NC
	694-09-MW-05	G94-09-MW-05-FD	v	3.70	v	3.63	NC	NC	NC
3,3'-Dichlorobenzidine G94-	G94-13-MW-37	G94-13-MW-37-FD	v	0.885	· ·	0.877	S	NC	NC
3-Nitroaniline G94-	G94-05-MW-02	G94-05-MW-02-FD	v	0.771	v	0.878	NC	NC	NC

Parameter	Sample 1D	Duplicate Sample ID	Value 	Duplicate Value	e e	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Field Duplicate, cont.	Organics cate, cont.		·					
3-Nitroaniline	G94-06-MW-03	G94-06-MW-03-FD	> 0.860	۰ 0	0.868	NC	NC .	NC
3-Nitroaniline	G94-09-MW-05	G94-09-MW-05-FD	< 0.511	۸ 0	0.501	NC	NC	NC
3-Nitroaniline	G94~13-MW-37	G94-13-MW-37-FD	< 0.771	۸ 0	0.763	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.972	٥ ،	0.996	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94~06-MW-03	G94-06-MW-03-FD	< 0.439	.0	0.444	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94~09-MW-05	G94-09-MW-05-FD	< 2.89	< 2	2.83	NC	NC	NC
4,6-Dinitro-2-methylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.972	۸ 0	0.962	NC	NC	NC
4-Bromophenyl phenyl ether	G94-05-MW-02	G94-05-MW-02-FD	< 0.415	< 0.	0.899	NC	NC	NC
4-Bromophenyl phenyl ether	G94-06-MW-03	G94-06-MW-03-FD	< 0.723	< 0.	0.730	NC	NC	NC
4-Bromophenyl phenyl ether	G94-09-MW-05	G94-09-MW-05-FD	< 0.288	< 0.	0.282	NC	NC	NC
4-Bromophenyl phenyl ether	G94-13-MW-37	G94-13-MW-37-FD	< 0.415	.0	0.411	NC	NC	NC
4-Chloro-3-methylphenol	G94-05-MW-02	G94-05-MW-02-FD	< 0.396	۸ 0	0.679	NC	NC	NC
4-Chloro-3-methylphenol	G94-06-MW-03	G94-06-MW-03-FD	< 0.601	< 0.	0.607	NC	NC	NC
4-Chloro-3-methylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.380	< 0.	0.373	S	NC	NC
4-Chloro-3-methylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.396	۸ 0	0.392	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-05-MW-02	G94-05-MW-02-FD	< 0.463	< 0.	0.586	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-06-MW-03	G94-06-MW-03-FD	< 0.863	۸ 0	0.872	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-09-MW-05	G94-09-MW-05-FD	< 0.451	.0	0.442	NC	NC	NC
4-Chlorophenyl phenyl ether	G94-13-MW-37	G94-13-MW-37-FD	< 0.463	< 0.	0.458	NC	NC	NC
4-Methylphenol/3-Methylphenol	_	G94-05-MW-02-FD	< 0.361	۸ 0	0.447	NC	NC	NC
4-Methylphenol/3-Methylphenol	_	G94-06-MW-03-FD	< 0.826	, o .	0.834	NC	NC	NC
4-Methylphenol/3-Methylphenol	G94-09-MW-05	G94-09-MW-05-FD	< 0.442	۸ 0	0.433	NC	NC	NC
4-Methylphenol/3-Methylphenol	G94-13-MW-37	G94-13-MW-37-FD	< 0.361	۸ 0	0.357	S	NC	NC
4-Nitroaniline	G94-05-MW-02	G94-05-MW-02-FD	< 1.08	< 1	1.11	NC	NC	NC
4-Nitroaniline	G94-06-MW-03	G94-06-MW-03-FD	< 0.553	۸ 0.	0.558	NC	NC	NC
4-Nitroaniline	G94-09-MW-05	G94-09-MW-05-FD	< 0.621	۸ 0	0.609	NC	NC	NC
4-Nitroaniline	G94-13-MW-37	G94-13-MW-37-FD	< 1.08	^	1.07	, S	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Sample ID	Va  ·	Value 	1	Value	Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Ordanics	ile Ordanics								
Type of Duplicate : Field Duplicate, cont.	uplicate, cont.								
4-Nitrophenol	G94-05-MW-02	G94-05-MW-02-FD	v	1.15	v	2.85	NC	NC	S
4-Nitrophenol	G94-06-MW-03	G94-06-MW-03-FD	٧	1.11	v	1.12	NC	NC	NC
4-Nitrophenol	G94-09-MW-05	G94-09-MW-05-FD	v	0.761	v	0.746	NC	NC	NC
4-Nitrophenol	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	1.15	v	1.14	NC	NC	NC
Acenaphthene	G94-05-MW-02	G94-05-MW-02-FD	v	0.632	v	0.742	NC	NC	NC
Acenaphthene	G94-06-MW-03	G94-06-MW-03-FD	v	0.643	v	0.650	NC	NC	NC
Acenaphthene	G94-09-MW-05	G94-09-MW-05-FD	٧	0.604	v	0.592	NC	NC	NC
Acenaphthene	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.632	v	0.626	NC	NC	NC
Acenaphthylene	G94-05-MW-02	G94-05-MW-02-FD	v	0.626	v	0.647	NC	NC	NC
Acenaphthylene	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.438	v	0.443	NC	NC	NC
Acenaphthylene	G94-09-MW-05	G94-09-MW-05-FD	v	0.616	v	0.604	NC	NC	NC
Acenaphthylene	G94-13-MW-37	G94-13-MW-37-FD	v	0.626	v	0.620	NC	S	NC
Anthracene	G94-05-MW-02	G94-05-MW-02-FD	v	0.755	v	0.600	NC	NC	NC
Anthracene	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.442	v	0.447	NC	NC	NC
Anthracene	G94-09-MW-05	G94-09-MW-05-FD	v	0.664	v	0.651	NC	NC	NC
Anthracene	G94-13-MW-37	G94-13-MW-37-FD	٧	0.755	v	0.748	NC	NC	NC
Benzo(a)anthracene	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	0.588	٧	0.562	NC	NC	SC
Benzo(a)anthracene	G94-06-MW-03	G94-06-MW-03-FD	•	0.491	v	0.496	NC	SC	NC
Benzo(a)anthracene	G94-09-MW-05	G94-09-MW-05-FD	v	0.728	v	0.714	NC	NC	NC
Benzo(a)anthracene	G94-13-MW-37	G94-13-MW-37-FD	v	0.588	v	0.583	NC	NC	NC
Benzo(a)pyrene	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	0.786	v	0.710	NC	NC	NC
Benzo(a)pyrene	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.656	v	0.662	NC	NC	NC
Benzo(a)pyrene	G94-09-MW-05	G94-09-MW-05-FD	V	0.661	v	0.648	NC	N C	NC
Benzo(a)pyrene	G94-13-MW-37	G94~13-MW-37-FD	<b>v</b>	0.786	V.	0.779	NC	NC	NC
Benzo(b)fluoranthene	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	1.04	v	0.717	NC	NC	NC
Benzo(b)fluoranthene	G94-06-MW-03	G94-06-MW-03-FD	v	0.738	v	0.746	NC	NC	NC
Benzo(b)fluoranthene	G94-09-MW-05	G94-09-MW-05-FD	v	0.649	v	0.636	NC	NC	NC

Parameter 	Sample ID	Duplicate Sample ID	Value	an	dng 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Field Duplicate, cont	ile Organics uplicate, cont.								
Benzo(b)fluoranthene	G94-13-MW-37	G94-13-MW-37-FD	٧	1.04	V	1.03	NC	NC	NC
Benzo(g,h,i)perylene	G94~05-MW-02	G94-05-MW-02-FD	v	1.12	v	0.691	NC	NC	NC
Benzo(g,h,i)perylene	G94-06-MW-03	G94-06-MW-03-FD	v	0.658	v	0.664	NC	NC	NC
Benzo(g,h,i)perylene	G94-09-MW-05	G94-09-MW-05-FD	v	0.702	v	0.688	NC	NC	NC
Benzo(g,h,i)perylene	G94-13-MW-37	G94-13-MW-37-FD	v	1.12	v	1.11	NC	NC	NC
Benzo(k)fluoranthene	G94-05-MW-02	G94-05-MW-02-FD	v	1.09	v	0.902	NC	NC	S
Benzo(k)fluoranthene	G94-06-MW-03	G94-06-MW-03-FD	v	1.07	v	1.08	NC	NC	NC
Benzo(k)fluoranthene	G94-09-MW-05	G94-09-MW-05-FD	v	0.945	v	0.926	NC	NC	NC
Benzo(k)fluoranthene	G94-13-MW-37	G94-13-MW-37-FD	V	1.09	v	1.08	NC	NC	NC
Benzoic acid	G94~05-MW~02	G94-05-MW-02-FD	v	25.8 (J)	v	6.15	NC	NC	NC
Benzoic acid	G94-06-MW-03	G94-06-MW-03-FD	v	2.99	v	3.02	NC	NC	NC
Benzoic acid	G94-09-MW-05	G94-09-MW-05-FD	. <b>'</b>	6.03	v	5.91	NC	NC	NC
Benzoic acid	G94-13-MW-37	G94-13-MW-37-FD	v	25.8	v	25.5	NC	NC	NC
Benzyl alcohol	G94-05-MW-02	G94-05-MW-02-FD	v	0.532	<b>v</b>	0.620	NC	NC	NC
Benzyl alcohol	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.671	<b>v</b>	0.678	NC	NC	NC
Benzył alcohol	G94-09-MW-05	G94~09-MW-05-FD	V	0.428	v	0.420	NC	NC	NC
Benzyl alcohol	G94-13-MW-37	G94-13-MW-37-FD	v	0.532	v	0.527	NC	NC	NC
Butylbenzylphthalate	G94-05-MW-02	G94-05-MW-02-FD	v	1.80	v	1.81	NC	NC	NC
Butylbenzylphthalate	G94~06-MW-03	G94-06-MW-03-FD	v	0.862	v	0.870	NC	NC	NC
Butylbenzylphthalate	G94-09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.474	v	0.465	NC	SC	NC
Butylbenzylphthalate	G94-13-MW-37	G94-13-MW~37-FD	V	1.80	v	1.79	NC	NC	NC
Chrysene	G94-05-MW-02	G94-05-MW-02-FD	v	0.980	v	0.744	NC	NC	NC
Chrysene	G94~06-MW-03	G94-06-MW-03-FD	v	0.594	v	0.600	NC	NC	NC
Chrysene	G94-09-MW-05	G94-09-MW-05-FD	v	0.737	v	0.723	NC	NC	NC
Chrysene	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.980	v	0.971	NC	NC	NC
Oi-n-octylphthalate	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	0.510	<b>v</b>	0.814	NC	NC	NC
Di-n-octylphthalate	G94-06-MW-03	G94-06-MW-03-FD	v	0.647	v	0.653	NC	NC	NC

Compiled: 22 March 1995 NC = Not Compile () = Data Flag

A-3.1-42

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Method = SW8270 - Semivolatile Organics Type of Duplicate : Field Duplicate, cont.  Di-n-octylphthalate G94-09-MW			1	Value	į				
Di-n-octylphthalate	Organics icate, cont.								
D: 2 224.124421242	G94-09-MW-05	G94-09-MW-05-FD	v	0.646	٧	0.633	NC	NC	NC
ni-n-octylphichalate	G94-13-MW-37	G94-13-MW-37-FD	v	0.510	v	0.505	NC	NC	NC
Dibenz(a,h)anthracene	G94-05-MW-02	G94-05-MW-02-FD	v	0.890	v	0.747	NC	NC	NC
Dibenz(a,h)anthracene	G94-06-MW-03	G94-06-MW-03-FD	v	0.701	٧	0.708	NC	NC	NC
Dibenz(a,h)anthracene	G94-09-MW-,05	G94-09-MW-05-FD	v	0.810	v	0.794	NC	NC	NC
Dibenz(a,h)anthracene	G94-13-MW-37	G94-13-MW-37-FD	v	0.890	v	0.981	NC	NC	NC
Dibenzofuran	G94-05-MW-02	G94-05-MW-02-FD	v	0.548	v	0.567	NC	NC	NC
Dibenzofuran	G94-06-MW-03	G94-06-MW-03-FD	v	0.514	v	0.519	NC	NC	NC
Dibenzofuran	G94-09-MW-05	G94-09-MW-05-FD	v	0.608	v	0.596	NC	NC	NC
Dibenzofuran	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.548	v	0.543	NC	NC	SC
Dibutylphthalate	G94-05-MW-02	G94-05-MW-02-FD	v	0.489	v	0.594	NC	NC	NC
Dibutylphthalate	G94-06-MW-03	G94~06-MW-03-FD	v	0.330	v	0.333	NC	NC	NC
Dibutylphthalate	G94-09-MW-05	G94-09-MW-05-FD	v	0.475	v	0.466	NC	NC	NC
Dibutylphthalate	G94-13-MW-37	G94~13-MW-37-FD	<b>v</b>	0.489	v	0.484	NC	NC	NC
Diethylphthalate	G94-05-MW-02	G94-05-MW-02-FD	v	0.251	v	0.389	NC	NC	NC
Diethylphthalate	G94-06-MW-03	G94~06-MW-03-FD	٧	0.286	v	0.288	NC	NC	NC
Diethylphthalate	G94-09-MW-05	G94-09-MW-05-FD	v	0.649	v	0.636	NC	NC	NC
Diethylphthalate	G94-13-MW-37	G94-13-MW-37-FD	v	0.251	v	0.249	NC	NC	NC
Dimethylphthalate	G94-05-MW-02	G94-05-MW-02-FD	v	0.443	v	0.406	NC	NC	NC
Dimethylphthalate	G94-06-MW-03	G94-06-MW-03-FD	v	0.427	v	0.431	S	NC	NC
Dimethylphthalate	G94-09-MW-05	G94-09-MW-05-FD	v	0.405	v	0.397	NC	NC	NC
Dimethylphthalate	G94-13-MW-37	G94~13-MW-37-FD	<b>v</b>	0.443	v	0.439	NC	NC	NC
Diphenylamine	G94-05-MW-02	G94-05-MW-02-FD	v	0.890	v	0.945	NC	NC	NC
Diphenylamine	G94-06-MW-03	G94-06-MW-03-FD	v	0.633	<b>v</b>	0.639	NC	NC	NC
Diphenylamine	G94-09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.649	v	0.636	NC	NC	NC
Diphenylamine	G94-13-MW-37	G94-13-MW-37~FD	v	0.890	v	0.882	NC	NC	NC
Fluoranthene	G94-05-MW-02	G94-05-MW-02-FD	v	0.583	v	0.640	NC	NC	NC

Parameter	Sample ID	Duplicate Sample ID	Value 	<u> </u>	Dupl Va	Ouplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Field Duplicate, cont.	e Organics Nicate, cont.								
Fluoranthene	694-06-MW-03	694-06-MW-03-FD	V	0 880	•	999	Z	<b>C</b>	Ç
Fluoranthene	G94-09-MW-05	G94-09-MW-05-FD	, v	0.672	, v	0.659	א פ גי	S S	ב ב
Fluoranthene	G94-13-MW-37	G94-13-MW-37-FD	v	0.583	v	0.578	. S	N S	N S
Fluorene	G94-05-MW-02	G94-05-MW-02-FD	v	0.454	v	0.531	NC	NC	NC
Fluorene	G94-06-MW-03	G94-06-MW-03-FD	v	0.611	v	0.617	NC	NC	NC
Fluorene	G94-09-MW-05	G94-09-MW-05-FD	v	0.710	v	969.0	NC	NC	NC
Fluorene	G94-13-MW-37	G94-13-MW-37-FD	v	0.454	v	0.450	NC	NC	NC
Hexachlorobenzene	G94-05-MW-02	G94-05-MW-02-FD	v	0.545	v	0.719	NC	NC	NC
Hexachlorobenzene	G94-06-MW-03	G94-06-MW-03-FD	v	1.45	v	1.47	NC	NC	NC
Hexachlorobenzene	G94-09-MW-05	G94-09-MW-05-FD	v	0.537	v	0.526	NC	NC	NC
Hexachlorobenzene	G94~13-MW-37	G94-13-MW-37-FD	V	0.545	v	0.540	NC	NC	NC
Hexachlorobutadiene	G94-05-MW-02	G94-05-MW-02-FD	v	1.02	v	0.752	NC	NC	NC
Hexachlorobutadiene	G94-06-MW-03	G94-06-MW-03-FD	v	0.945	v	0.954	NC	NC	NC
Hexachlorobutadiene	G94-09-MW-05	G94-09-MW-05-FD	v	0.714	v	0.700	NC	NC	NC
Hexachlorobutadiene	G94-13-MW-37	G94-13-MW-37-FD	v	1.02	٧	1.01	SC	NC	NC
Hexachlorocyclopentadiene	G94~05-MW-02	G94~05-MW-02-FD	v	1.18	v	2.17	NC	NC	NC
Hexachlorocyclopentadiene	G94-06-MW-03	G94-06-MW-03-FD	v	0.817	v	0.825	S	SC	NC
Hexachlorocyclopentadiene	G94-09-MW-05	G94-09-MW-05-FD	<b>v</b>	1.98	v	1.94	NC	NC	NC
Hexachlorocyclopentadiene	G94-13-MW-37	G94-13-MW-37-FD	v	1.18	v	1.17	NC	NC	NC
Hexachloroethane	G94-05-MW-02	G94-05-MW-02-FD	V	0.546	v	0.860	NC	NC	NC
Hexachloroethane	G94-06-MW-03	G94-06-MW-03-FD	v	5.35	v	5.40	NC	NC	NC
Hexachloroethane	G94-09-MW-05	G94-09-MW-05-FD	v	1.79	v	1.75	SC	NC	NC
Hexachloroethane	G94-13-MW-37	G94-13-MW-37-FD	v	0.546	v	0.541	NC	NC	NC
Indeno(1,2,3-cd)pyrene	G94-05-MW-02	G94-05-MW-02-FD	v	0.874	v	0.542	NC	NC	NC
Indeno(1,2,3-cd)pyrene	G94-06-MW-03	G94-06-MW-03-FD	v	0.513	v	0.518	NC	NC	NC .
Indeno(1,2,3-cd)pyrene	G94-09-MW-05	G94-09-MW-05-FD	v	0.763	v	0.748	NC	NC	NC
Indeno(1,2,3-cd)pyrene	G94-13-MW-37	G94-13-MW-37-FD	v	0.874	v	0.865	NC	NC	NC

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

		Din 1 ion to			à	1:0040	100	1 - 1 - 1 - 1 - 1	
Parameter	Sample ID	Sample ID	×	Value		Value Value	Value	Standard Deviation	RPD (%)
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Method = SW8270 - Semivolatile Organics	Organics								
Type of Duplicate : Field Duplicate, cont.	icate, cont.								
Isophorone	G94-05-MW-02	G94-05-MW-02-FD	V	0.320	v	0.781	NC	NC	S
Isophorone	G94-06-MW-03	G94-06-MW-03-FD	٧	0.527	v	0.532	SC	NC	NC
Isophorone	G94-09-MW-05	G94-09-MW-05-FD	v	0.340	v	0.333	NC	S	NC
Isophorone	G94-13-MW-37	G94-13-MW-37-FD	٧	0.320	<b>v</b>	0.317	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	0.610	٧	0.440	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-06-MW-03	G94-06-MW-03-FD	v	0.773	٧	0.781	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-09-MW-05	G94-09-MW-05-FD	٧	0.567	٧	0.556	NC	NC	NC
N-Nitroso-di-n-propylamine	G94-13-MW-37	G94-13-MW-37-FD	v	0.610	v	0.604	NC	NC	NC
Naphthalene	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	0.764	v	0.647	NC	NC	NC
Naphthalene	G94-06-MW-03	G94-06-MW-03-FD	٧	0.796	٧	0.804	NC	NC	NC
Naphthalene	G94-09-MW-05	G94-09-MW-05-FD	٧	0.719	v	0.705	NC	NC	NC
Naphthalene	G94-13-MW-37	G94-13-MW-37-FD	٧	0.764	v	0.756	NC	NC	NC
Nitrobenzene	G94-05-MW-02	G94-05-MW-02-FD	٧	0.434	v	1.16	S	NC	NC
Nitrobenzene	G94-06-MW-03	G94-06-MW-03-FD	<b>v</b>	0.809	v	0.817	NC	NC	NC
Nitrobenzene	G94-09-MW-05	G94-09-MW-05-FD	v	0.544	٧	0.533	NC	NC	NC
Nitrobenzene	G94-13-MW-37	G94-13-MW-37-FD	v	0.434	v	0.430	NC	NC	NC
Pentachlorophenol	G94-05-MW-02	G94-05-MW-02-FD	<b>v</b>	0.942	v	1.08	NC	NC	NC
Pentachlorophenol	G94-06-MW-03	G94-06-MW-03-FD	٧	0.623	v	0.629	NC	NC	NC
Pentachlorophenol	G94-09-MW-05	G94-09-MW-05-FD	v	0.486	v	0.476	NC	NC	NC
Pentachlorophenol	G94-13-MW-37	G94-13-MW-37-FD	<b>v</b>	0.942	v	0.933	NC	NC	NC
Phenanthrene	G94-05-MW-02	G94-05-MW-02-FD	v	0.653	v	0.831	NC	NC	NC
Phenanthrene	G94-06-MW-03	G94-06-MW-03-FD	v	0.610	v	0.616	NC	NC	NC
Phenanthrene	G94-09-MW-05	G94-09-MW-05-FD	v	0.617	٧	0.605	NC	NC	NC
Phenanthrene	G94-13-MW-37	G94-13-MW-37-FD	v	0.653	v	0.647	NC	NC	NC
Phenol	G94-05-MW-02	G94-05-MW-02-FD	v	0.369	v	0.340	NC	NC	NC
Phenol	G94-06-MW-03	G94-06-MW-03-FD	v	0.680	٧	0.686	NC	NC	NC
Phenol	G94~09-MW-05	G94-09-MW-05-FD	<b>v</b>	0.429	v	0.421	NC	NC	NC .

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

Method = SW8270 - Semivolatile Organics Type of Duplicate: Field Duplicate, cont.  Phenol 694-13-MW-37 Pyrene 694-05-MW-03 Pyrene 694-13-MW-05 Pyrene 694-13-MW-05 Dis(2-Chloroethoxy)methane 694-05-MW-05 Dis(2-Chloroethoxy)methane 694-05-MW-05 Dis(2-Chloroethoxy)methane 694-05-MW-05 Dis(2-Chloroethyl)ether 694-06-MW-05 Dis(2-Chloroethyl)ether 694-06-MW-03 Dis(2-Chloroethyl)ether 694-06-MW-03 Dis(2-Chloroethyl)ether 694-06-MW-03 Dis(2-Chloroethyl)ether 694-06-MW-03	37 G94-13-MW-37-FD 22 G94-05-MW-02-FD 33 G94-09-MW-05-FD 594-09-MW-05-FD 694-13-MW-37-FD 694-06-MW-02-FD 694-06-MW-03-FD 694-06-MW-05-FD 694-06-MW-05-FD 694-06-MW-05-FD 694-06-MW-05-FD 694-06-MW-05-FD		0.369 0.700 0.783 0.798	v v				
	,		0.369 0.700 0.783 0.798	V \				
			0.700 0.783 0.798	١	0.365	NC	NC	NC
			0.783	,	0.455	NC	NC	S N
	,		0.798	v	0.790	NC	NC	NC
				v	0.782	NC	NC	NC
		v v v	0.700	v	0.693	NC	NC	NC
		-F0 	0.625	v	0.855	NC	NC	NC
		G :	0.647	v	0.653	NC	NC	N
			0.546	٧	0.535	NC	SC	NC
		-FU ×	0.625	v	0.619	NC	NC	NC
		-F0 <	0.482	v	0.943	NC	NC	NC
	3 G94-06-MW-03-FD	-F0 <	0.644	v	0.650	NC	NC	NC
		-FD <	0.595	v	0.583	NC	NC	NC
		-F0 <	0.482	v	0.478	NC	NC	NC
	)2 G94-05-MW-02-FD	-FD <	0.438	٧	1.16	NC	NC	NC
		-FD <	1.07	v	1.08	NC	NC	NC
		-F0 <	0.555	v	0.544	NC	NC	NC
د	7 G94-13-MW-37-FD	-F0 <	0.438	v	0.434	NC	NC	NC
	12 G94-05-MW-02-FD	-FD <	2.63	V	1.52	NC	NC	NC
	13 G94-06-MW-03-FD	-F0 <	0.808	v	0.816	NC	SC	NC C
	15 G94-09-MW-05-FD	-FD	4.18		3.70	3.94	0.339	12.2
])phthalate	7 G94-13-MW-37-FD	-FD <	2.63	v	2.60	NC	NC	NC
	12 G94~05-MW-02-FD	-F0 <	0.929	٧	0.907	NC	NC	NC NC
	3 G94-06-MW-03-FD	-FD <	0.971	v	0.981	NC	S	SC
	5 G94-09-MW-05-FD	-F0 <	0.898	v	0.880	NC	NC	NC
p-Chloroaniline G94-13-MW-37	7 G94-13-MW-37-FD	-F0 <	0.929	v	0.920	NC	NC	NC

Compiled: 22 March 1995 NC = Not Cal ble (

ble () = Data Flag

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate	le Organics ry Control Duplicate						
1,2,4-Trichlorobenzene	LCS946174	LCSD946174	104	102	103	1.41	1.94
1,2,4-Trichlorobenzene	LCS946355	LCSD946355	101	104	103	2.12	2.93
1,2,4-Trichlorobenzene	LCS946381	LCSD946381	102	0.66	101	2.12	2.99
1,2,4-Trichlorobenzene	LCS946427	LCSD946427	0.76	93.0	95.0	2.83	4.21
1,2,4-Trichlorobenzene	LCS946438	LCSD946438	108	113	111	3.54	4.52
1,2,4-Trichlorobenzene	LCS946458	. LCSD946458	0.86	0.66	98.5	0.707	1.02
1,2,4-Trichlorobenzene	LCS946511	LCSD946511	91.0	89.0	90.0	1.41	2.22
1,2,4-Trichlorobenzene	LCS946511	LCSD946511	0.76	94.0	95.5	2.12	3.14
1,2-Dichlorobenzene	LCS946174	LCSD946174	100	100	100	0.00	0.00
1,2-Dichlorobenzene	LCS946355	LCSD946355	94.0	96.0	95.0	1.41	2.11
1,2-Dichlorobenzene	LCS946381	LCSD946381	92.0	91.0	91.5	0.707	1.09
1,2-Dichlorobenzene	LCS946427	LCSD946427	102	95.0	98.5	4.95	7.11
1,2-Dichlorobenzene	LCS946438	LCSD946438	100	106	103	4.24	5.83
1,2-Dichlorobenzene	LCS946458	LCSD946458	0.06	92.0	91.0	1.41	2.20
1,2-Dichlorobenzene	LCS946511	LCSD946511	0.76	92.0	94.5	3.54	5.29
1,2-Dichlorobenzene	LCS946511	LCSD946511	98.0	95.0	96.5	2.12	3.11
1,3-Dichlorobenzene	LCS946174	LCSD946174	0.66	100	99.5	0.707	1.01
1,3-Dichlorobenzene	LCS946355	LCSD946355	93.0	95.0	94.0	1.41	2.13
1,3-Dichlorobenzene	LCS946381	LCSD946381	92.0	90.0	91.0	1.41	2.20
1,3-Dichlorobenzene	LCS946427	LCSD946427	100	91.0	95.5	6.36	9.42
1,3-Dichlorobenzene	LCS946438	LCSD946438	100	105	103	3.54	4.88
1,3-Dichlorobenzene	LCS946458	LCSD946458	91.0	91.0	91.0	0.00	0.00
1,3-Dichlorobenzene	LCS946511	LCSD946511	95.0	91.0	93.0	2.83	4.30
1,3-Dichlorobenzene	LCS946511	LCSD946511	0.76	90.0	93.5	4.95	7.49
1,4-Dichlorobenzene	LCS946174	LCSD946174	100	98.0	0.66	1.41	2.02
1,4-Dichlorobenzene	LCS946355	LCSD946355	0.68	91.0	0.06	1.41	2.22
1,4-Dichlorobenzene	LCS946381	LCSD946381	88.0	86.0	87.0	1.41	2.30
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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolati Type of Duplicate : Laborato	Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.						
1,4-Dichlorobenzene	LCS946427	LCSD946427	95.0	0.06	92.5	3.54	5.41
1,4-Dichlorobenzene	LCS946438	LCSD946438	95.0	100	97.5	3.54	5.13
1,4-Dichlorobenzene	LCS946458	LCSD946458	85.0	86.0	85.5	0.707	1.17
1,4-Dichlorobenzene	LCS946511	LCSD946511	93.0	89.0	91.0	2.83	4.40
1,4-Dichlorobenzene	LCS946511	LCSD946511	91.0	87.0	89.0	2.83	4.49
2,4,5-Trichlorophenol	LCS946174	LCSD946174	103	102	103	0.707	0.976
2,4,5-Trichlorophenol	LCS946355	LCSD946355	103	107	105	2.83	3.81
2,4,5-Trichlorophenol	LCS946381	LCSD946381	105	105	105	0.00	0.00
2,4,5-Trichlorophenol	LCS946427	LCSD946427	0.96	83.0	89.5	9.19	14.5
2,4,5-Trichlorophenol	LCS946438	LCSD946438	105	102	104	2.12	2.90
2,4,5-Trichlorophenol	LCS946458	LCSD946458	0.66	97.0	98.0	1.41	2.04
2,4,5-Trichlorophenol	LCS946511	LCSD946511	0.06	95.0	92.5	3.54	5.41
2,4,5-Trichlorophenol	LCS946511	LCSD946511	94.0	93.0	93.5	0.707	1.07
2,4,6-Trichlorophenol	LCS946174	LCSD946174	86.0	81.0	83.5	3.54	5.99
2,4,6-Trichlorophenol	LCS946355	LCSD946355	82.0	88.0	85.0	4.24	7.06
2,4,6-Trichlorophenol	LCS946381	LCSD946381	87.0	86.0	86.5	0.707	1.16
2,4,6-Trichlorophenol	LCS946427	LCSD946427	0.08	72.0	76.0	5.66	10.5
2,4,6-Trichlorophenol	LCS946438	LCSD946438	86.0	85.0	85.5	0.707	1.17
2,4,6-Trichlorophenol	LCS946458	LCSD946458	81.0	80.0	80.5	0.707	1.24
2,4,6-Trichlorophenol	LCS946511	LCSD946511	76.0	78.0	77.0	1.41	2.60
2,4,6-Trichlorophenol	LCS946511	LCSD946511	0.77	80.0	78.5	2.12	3.82
2,4-Dichlorophenol	LCS946174	LCSD946174	0.66	98.0	98.5	0.707	1.02
2,4-Dichlorophenol	LCS946355	LCSD946355	0.66	104	102	3.54	4.93
2,4-Dichlorophenol	LCS946381	LCSD946381	0.66	98.0	98.5	0.707	1.02
2,4-Dichlorophenol	LCS946427	LCSD946427	89.0	87.0	88.0	1.41	2.27
2,4-Dichlorophenol	LCS946438	LCSD946438	0.76	0.66	98.0	1.41	2.04
2,4-Dichlorophenol	LCS946458	LCSD946458	94.0	92.0	93.0	1.41	2.15

Compiled: 22 March 1995 NC = Not Carapble (

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2, 4-birbli broobbenol         CCS946511         CCS946514         CCS946514         CCS946514         CCS946514         CCS946514         CCS946514         CCS946514         CCS946535         0.707         1.15           2, 4-birmethylphenol         LCS946335         CCS946335         CCS946335         67.0         65.0         65.2         2.12         3.28           2, 4-birmethylphenol         LCS946381         CCS946381         60.0         93.0         91.5         2.12         3.28           2, 4-birmethylphenol         LCS946438         LCS9946438         90.0         93.0         65.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0	2,4-Dichlorophenol	LCS946511	LCSD946511	93.0	0.68 .	91.0	2.83	4.40
LCS946174         GE. 0         GE. 0         GE. 0         GE. 0         GE. 0         COPY           LCS946355         LCS996355         LCS996355         G. 0         70.0         68.5         2.12           LCS946361         LCS996437         LCS996438         90.0         93.0         93.5         2.12           LCS946438         LCS9964438         LCS996443         LCS9964428         91.0         95.0         93.0         2.83           LCS946438         LCS996451         RS. 0         95.0         95.0         93.0         2.83           LCS94651         LCS94651         RS. 0         80.0         80.0         80.0         90.0           LCS946511         LCS946511         RCS946511         RS. 0         80.0         80.0         90.0           LCS946511         LCS946511         LCS946514         RS. 0         80.0         80.0         90.0           LCS946527         LCS946427         LCS946427         LCS946427         LCS946428         LCS946429         144         146         4.95           LCS946458         LCS946427         LCS946428         LCS946429         LCS946429         LCS946429         148         142         4.95           LCS946458 <td>Dichlorophenol</td> <td>LCS946511</td> <td>LCSD946511</td> <td>85.0</td> <td>86.0</td> <td>85.5</td> <td>0.707</td> <td>1.17</td>	Dichlorophenol	LCS946511	LCSD946511	85.0	86.0	85.5	0.707	1.17
LCS946355         LCSD946355         67.0         70.0         68.5         2.12           LCS946381         LCSD946381         90.0         93.0         91.5         2.12           LCS946428         LCSD946438         91.0         95.0         91.5         2.12           LCS946438         LCSD9464638         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0 <td>-Dimethylphenol</td> <td>LCS946174</td> <td>LCSD946174</td> <td>0.99</td> <td>65.0</td> <td>65.5</td> <td>0.707</td> <td>1.53</td>	-Dimethylphenol	LCS946174	LCSD946174	0.99	65.0	65.5	0.707	1.53
LCS946381         LCS946381         90.0         93.0         91.5         2.12           LCS946438         LCSD946427         73.0         66.0         69.5         4.95           LCS946438         LCSD946438         66.0         66.0         69.0         2.83           LCS946458         LCSD946511         81.0         80.0         80.0         93.0         2.83           LCS946511         LCSD946511         81.0         80.0         80.0         80.0         90.0           LCS946511         LCSD946511         80.0         83.0         81.5         2.12           LCS946512         LCSD94651         129         131         131         1.41           LCS946512         LCSD946536         139         147         1.41         1.41           LCS946513         LCSD946536         149         142         1.66         1.70           LCS946428         LCSD946427         123         1.42         1.66         1.66           LCS946414         LCSD946428         LCSD946428         1.48         1.42         1.66           LCS946414         LCSD946429         LCSD946428         1.60         1.60         1.60           LCS946438         LCSD94	-Dimethylphenol	LCS946355	LCSD946355	0.79	70.0	68.5	2.12	4.38
LCS946427         LCSD946427         73.0         66.0         69.5         4.95           LCS946438         LCSD946438         91.0         96.0         93.0         2.83           LCS946458         LCSD946458         91.0         96.0         93.0         2.83           LCS946511         LCSD946511         81.0         80.0         80.0         90.0           LCS946512         LCSD946514         129         131         131         1.41           LCS946535         LCSD946514         129         131         131         1.41           LCS946361         LCSD946525         139         147         143         5.66           LCS946427         LCSD946427         127         142         1.6         1.0           LCS946428         LCSD946438         148         142         1.6         1.0           LCS946427         LCSD946438         148         143         1.6         1.0           LCS946458         LCSD946458         1.22         1.43         1.6         1.0           LCS946479         LCSD946458         1.28         1.43         1.4         1.0           LCS946458         LCSD946458         1.28         1.2         1.0 <td>-Dimethylphenol</td> <td>LCS946381</td> <td>LCSD946381</td> <td>0.06</td> <td>93.0</td> <td>91.5</td> <td>2.12</td> <td>3.28</td>	-Dimethylphenol	LCS946381	LCSD946381	0.06	93.0	91.5	2.12	3.28
LCS946438         LCSD946438         91.0         95.0         93.0         2.83           LCS946458         LCSD94643B         66.0         66.0         66.0         60.0         60.0           LCS946451         LCSD946511         81.0         80.0         66.0         60.00         60.00           LCS946514         LCSD946511         80.0         83.0         81.5         2.12           LCS946355         LCSD946514         129         147         143         5.6           LCS946381         LCSD9465381         139         140         140         0.707           LCS946427         LCSD946427         127         112         120         1.41           LCS946428         LCSD946428         149         140         0.707           LCS946427         LCSD946428         148         142         1.0           LCS946428         LCSD946511         123         142         4.95           LCS946429         LCSD946511         123         143         4.95           LCS94641         LCSD946511         122         143         4.95           LCS946427         LCSD9465361         110         1.04         4.24           LCS946428	-Dimethylphenol	LCS946427	LCSD946427	73.0	66.0	69.5	4.95	10.1
LCS946458         LCSD94645B         66.0         66.0         66.0         60.0           LCS946511         LCSD946511         81.0         80.0         80.0         80.0         0.00           LCS946511         LCSD946511         81.0         80.0         81.5         0.707           LCS946512         LCSD946514         129         131         131         1.41           LCS946525         LCSD94638         139         140         143         5.66           LCS946381         LCSD94637         127         112         120         1.41           LCS94647         LCSD946427         127         142         140         0.707           LCS94647         LCSD946427         127         142         4.95         1.06           LCS94647         LCSD94648         149         142         146         4.95           LCS94651         LCSD94651         123         143         146         4.95           LCS94651         LCSD94651         100         102         99.0         101         2.12           LCS946536         LCSD946547         LCSD946548         100         104         107         4.24           LCS946458         LCS946458	-Dimethylphenol	LCS946438	LCSD946438	91.0	95.0	93.0	2.83	4.30
LCS946511         LCS0946511         81.0         80.0         80.5         0.707           LCS946511         LCS0946511         80.0         83.0         81.5         2.12           LCS946512         LCS0946174         129         131         130         1.41           LCS946354         LCS0946355         139         147         143         5.66           LCS946381         LCS0946381         139         140         1.71         1.41         1.71           LCS946382         LCS094638         LCS094638         149         140         0.707         1.65           LCS946383         LCS094648         LCS094648         143         143         146         3.54           LCS946511         LCS094658         128         143         146         3.54           LCS946511         LCS094651         128         130         4.95           LCS946511         LCS094651         128         101         2.12           LCS946512         LCS094651         120         101         2.12           LCS946428         LCS094658         120         102         99.0         101         2.12           LCS946429         LCS0946429         LCS0946429	-Dimethylphenol	LCS946458	LCSD946458	0.99	. 0.99	66.0	0.00	0.00
LCS946511         LCS0946511         80.0         83.0         81.5         2.12           LCS946514         LCS0946174         129         131         130         1.41           LCS946355         LCS0946355         139         147         143         5.66           LCS946381         LCS0946381         139         140         140         0.707           LCS94638         LCS094637         127         112         120         10.6           LCS946438         LCS0946438         149         142         146         4.95           LCS946458         LCS094651         123         146         4.95           LCS94651         LCS094651         126         133         130         4.95           LCS94651         LCS094651         100         105         101         2.12           LCS94638         LCS0946535         LCS0946536         100         80.0         80.0         93.5         7.78           LCS946427         LCS0946427         CCS0946427         CCS0946427         100         101         101         2.12           LCS946458         LCS0946458         LCS0946458         100         80.0         93.5         2.12           LC	-Dimethylphenol	LCS946511	LCSD946511	81.0	80.0	80.5	0.707	1.24
LCS946174         LCSD946174         LCSD946174         129         131         130         1.41           LCS946355         LCSD946355         139         147         143         5.66           LCS946381         LCSD946381         139         140         140         0.707           LCS946427         LCSD946427         127         112         120         10.6           LCS946438         LCSD946438         149         142         4.95           LCS946454         LCSD946511         123         146         4.95           LCS946511         LCSD946511         123         146         4.95           LCS946511         LCSD946511         102         9.0         101         2.12           LCS946512         LCSD946511         100         104         107         4.24           LCS946524         LCSD946527         100         88.0         93.5         7.78           LCS946538         LCSD946538         100         88.0         93.5         7.78           LCS9466428         LCSD946438         LCSD946438         107         105         107         11           LCS946511         LCSD946511         LCSD94651         93.0         93.0	-Dimethylphenol	LCS946511	LCSD946511	80.0	83.0	81.5	2.12	3.68
LCS946355         LCS0946355         LCS0946355         139         147         143         5.66           LCS946381         LCS0946381         LCS0946381         139         140         140         0.707           LCS946427         LCS0946427         LCS0946427         127         112         120         10.6           LCS946436         LCS0946436         LCS0946436         148         142         146         4.95           LCS946511         LCS0946511         LCS0946511         123         130         127         4.95           LCS946514         LCS0946511         LCS0946511         126         99.0         101         2.12           LCS946574         LCS0946514         LCS0946516         100         105         107         4.24           LCS946381         LCS0946385         LCS0946381         110         104         107         4.24           LCS946427         LCS0946428         LCS0946438         LCS0946438         122         121         121           LCS946458         LCS0946458         LCS0946458         LCS094651         99.0         99.0         99.0         99.0           LCS0946511         LCS0946511         LCS0946511         99.0         99.0	-Dinitrophenol	LCS946174	LCSD946174	129	131	130	1.41	1.54
LCS946381         LCSD946381         LCSD94638         140         140         0.707           LCS946427         LCSD946427         127         112         120         10.6           LCS946438         LCSD946438         142         146         4.95           LCS946458         LCSD946458         148         143         166         3.54           LCS946511         LCSD946511         123         130         4.95           LCS946511         LCSD946511         126         133         130         4.95           LCS946511         LCSD946511         126         99.0         101         2.12           LCS946355         LCSD946356         100         105         103         3.54           LCS946381         LCSD946381         110         104         107         4.24           LCS946382         LCSD946427         99.0         88.0         93.5         7.78           LCS946438         LCSD946428         122         121         121           LCS946448         LCSD946458         100         88.0         93.5         7.78           LCS946458         LCSD946458         105         93.0         91.0         2.12           LCS94	-Dinitrophenol	LCS946355	LCSD946355	139	147	143	5.66	5.59
LCS946427         LCSD946427         LCSD946428         127         112         120         10.6           LCS946438         LCSD946438         149         142         146         4.95           LCS946458         LCSD946511         123         130         127         4.95           LCS946511         LCSD946511         123         130         127         4.95           LCS946511         LCSD946511         126         99.0         101         2.12           LCS946514         LCSD946517         102         99.0         101         2.12           LCS946355         LCSD946356         100         104         107         4.24           LCS946381         LCSD946381         110         104         107         4.24           LCS946381         LCSD946427         99.0         88.0         93.5         7.78           LCS946438         LCSD946438         LCSD946438         122         106         1.41           LCS946458         LCSD946458         LCSD946458         107         93.0         93.5         2.12           LCS946511         LCSD946511         RS9.0         93.0         91.0         2.83           LCS946511         LCSD946174 <td>-Dinitrophenol</td> <td>LCS946381</td> <td>LCSD946381</td> <td>139</td> <td>140</td> <td>140</td> <td>0.707</td> <td>0.717</td>	-Dinitrophenol	LCS946381	LCSD946381	139	140	140	0.707	0.717
LCS946438         LCSD946438         LCSD946438         149         142         146         4.95           LCS946458         LCSD946458         123         143         146         3.54           LCS946511         LCSD946511         123         130         127         4.95           LCS946512         LCSD946511         126         133         130         4.95           LCS946513         LCSD946514         102         99.0         101         2.12           LCS946375         LCSD946355         100         105         103         3.54           LCS946381         LCSD946381         110         104         107         4.24           LCS946427         LCSD946427         99.0         88.0         93.5         7.78           LCS946438         LCSD946427         99.0         88.0         93.5         7.78           LCS946458         LCSD946458         107         122         0.707           LCS946459         LCSD946458         107         93.0         93.5         2.12           LCS94651         LCSD94658         107         93.0         91.0         2.83           LCS946511         LCSD94651         LCSD94651         115	-Dinitrophenol	LCS946427	LCSD946427	127	112	120	10.6	12.6
LCS946458         LCS0946458         148         143         146         3.54           LCS946511         LCS0946511         123         130         127         4.95           LCS946511         LCS0946511         126         133         130         4.95           LCS946512         LCS0946514         102         99.0         101         2.12           LCS946375         LCS0946376         100         105         103         3.54           LCS946427         LCS0946427         99.0         88.0         93.5         7.78           LCS946438         LCS0946438         122         121         122         0.707           LCS946458         LCS0946458         92.0         95.0         93.5         2.12           LCS946511         LCS0946511         92.0         95.0         93.0         2.83           LCS946511         LCS0946511         89.0         93.0         91.0         2.83           LCS946511         LCS0946511         115         113         3.54	-Dinitrophenol	LCS946438	LCSD946438	149	142	146	4.95	4.81
LCS946511       LCSD946511       123       130       127       4.95         LCS946511       LCSD946511       126       133       130       4.95         LCS946514       LCSD946511       102       99.0       101       2.12         LCS946355       LCSD946381       110       104       107       4.24         LCS946381       LCSD946427       99.0       88.0       93.5       7.78         LCS946438       LCSD946438       122       121       122       0.707         LCS94658       LCSD946458       107       95.0       95.0        93.5       2.12         LCS946511       LCSD946511       92.0       95.0       93.0       93.0       2.12         LCS946511       LCSD946511       89.0       93.0       93.0       2.12         LCS946511       LCSD946511       89.0       93.0       93.0       93.0       2.13         LCS946511       LCSD946511       115       116       113       3.54	-Dinitrophenol	LCS946458	LCSD946458	148	143	146	3.54	3.44
LCS946511       LCSD946511       126       133       130       4.95         LCS946174       LCSD946174       102       99.0       101       2.12         LCS946355       LCSD946355       100       105       103       3.54         LCS946381       LCSD946381       110       104       107       4.24         LCS946427       99.0       88.0       93.5       7.78         LCS946438       LCSD946438       122       121       122       0.707         LCS94658       LCSD946458       107       105       106       1.41         LCS946511       QS.0       95.0       93.0       91.0       2.12         LCS946511       LCSD946511       89.0       93.0       91.0       2.83         LCS946511       LCSD946511       89.0       93.0       91.0       2.83         LCS946514       LCSD946174       115       110       113       3.54	-Dinitrophenol	LCS946511	LCSD946511	123	130	127	4.95	5.53
LCS946174         LCSD946174         102         99.0         101         2.12           LCS946355         LCSD946355         100         105         103         3.54           LCS946381         LCSD946381         110         104         107         4.24           LCS946427         99.0         88.0         93.5         7.78           LCS946438         122         121         122         0.707           LCS946458         LCSD946458         107         105         106         1.41           LCS946511         LCSD946511         92.0         95.0         93.5         2.12           LCS946511         LCSD946511         89.0         93.0         91.0         2.83           LCS946511         LCSD946511         89.0         93.0         91.0         2.83           LCS946511         LCSD946514         115         110         113         3.54	-Dinitrophenol	LCS946511	LCSD946511	126	133	130	4.95	5.41
LCS946355         LCSD946355         100         105         103         3.54           LCS946381         LCSD946381         110         104         107         4.24           LCS946427         LCSD946427         99.0         88.0         93.5         7.78           LCS946438         LCSD946438         122         121         122         0.707           LCS946458         LCSD946458         107         105         106         1.41           LCS946511         LCSD946511         92.0         95.0         93.5         2.12           LCS946511         LCSD946511         89.0         93.0         91.0         2.83           LCS946514         LCSD946174         115         110         113         3.54	-Dinitrotoluene	LCS946174	LCSD946174	102	99.0	101	2.12	2.99
LCS946381         LCSD946381         110         104         107         4.24           LCS946427         LCSD946427         99.0         88.0         93.5         7.78           LCS946438         LCSD946438         122         121         122         0.707           LCS946458         LCSD946458         107         105         106         1.41           LCS946511         LCSD946511         92.0         95.0         93.5         2.12           LCS946511         LCSD946511         89.0         93.0         91.0         2.83           LCS946514         LCSD946174         115         110         113         3.54	-Dinitrotoluene	LCS946355	LCSD946355	100	105	103	3.54	4.88
LCS946427         LCSD946427         99.0         88.0         93.5         7.78           LCS946438         LCSD946438         122         121         122         0.707           LCS946458         LCSD946458         107         105         106         1.41           LCS946511         LCSD946511         92.0         95.0         93.5         2.12           LCS946511         LCSD946511         89.0         93.0         91.0         2.83           LCS946514         LCSD946774         115         110         113         3.54	-Dinitrotoluene	LCS946381	LCSD946381	110	104	107	4.24	5.61
LCS946438         LCSD946438         122         121         122         0.707           LCS946458         LCSD946458         107         105         106         1.41           LCS946511         LCSD946511         92.0         95.0         93.5         2.12           LCS946511         LCSD946511         89.0         93.0         91.0         2.83           LCS946514         LCSD946174         115         110         113         3.54	-Dinitrotoluene	LCS946427	LCSD946427	99.0	88.0	93.5	7.78	11.8
LCS946458         LCS0946458         107         105         106         1.41           LCS946511         LCS0946511         92.0         95.0         93.5         2.12           LCS946511         LCS0946511         89.0         93.0         91.0         2.83           LCS946174         LCS0946174         115         110         113         3.54	-Dinitrotoluene	LCS946438	LCSD946438	122	121	122	0.707	0.823
LCS946511       LCSD946511       92.0       95.0       93.5       2.12         LCS946511       LCSD946511       89.0       93.0       91.0       2.83         LCS946174       LCSD946174       115       110       113       3.54	-Dinitrotoluene	LCS946458	LCSD946458	107	105	106	1.41	1.89
LCS946511 LCSD946511 89.0 93.0 91.0 2.83 LCS946174 LCSD946174 115 110 113 3.54	-Dinitrotoluene	LCS946511	LCSD946511	92.0	95.0	93.5	2.12	3.21
LCS946174 LCSD946174 115 110 113 3.54	-Dinitrotoluene	LCS946511	LCSD946511	89.0	93.0	91.0	2.83	4.40
	-Dinitrotoluene	LCS946174	LCSD946174	115	110	113	3.54	4.44

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
E	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ \$ \$ !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!		
Method = SW8270 - Semivolatile Organics	Organics						
lype of Dupilcate : Laboratory Control Duplicate , cont.	Control Duplicate , cont.						
. 2,6-Dinitrotoluene	LCS946355	LCSD946355	105	109	107	2.83	3.74
2,6-Dinitrotoluene	LCS946381	LCSD946381	116	112	114	2.83	3.51
2,6-Dinitrotoluene	LCS946427	LCSD946427	114	101	108	9.19	12.1
2,6-Dinitrotoluene	LCS946438	LCSD946438	130	128	129	1.41	1.55
2,6-Dinitrotoluene	LCS946458	LCSD946458	113	113	113	0.00	0.00
2,6-Dinitrotoluene	LCS946511	LCSD946511	103	108	106	3.54	4.74
2,6-Dinitrotoluene	LCS946511	LCSD946511	103	108	106	3.54	4.74
2-Chloronaphthalene	LCS946174	LCSD946174	93.0	0.06	91.5	2.12	3.28
2-Chloronaphthalene	LCS946355	LCSD946355	82.0	86.0	84.0	2.83	4.76
2-Chloronaphthalene	LCS946381	LCSD946381	86.0	84.0	85.0	1.41	2.35
2-Chloronaphthalene	LCS946427	LCSD946427	94.0	84.0	89.0	7.07	11.2
2-Chloronaphthalene	LCS946438	LCSD946438	95.0	94.0	94.5	0.707	1.06
2-Chloronaphthalene	LCS946458	LCSD946458	84.0	84.0	84.0	00.00	00.00
2-Chloronaphthalene	LCS946511	LCSD946511	88.0	90.0	89.0	1.41	2.25
2-Chloronaphthalene	LCS946511	LCSD946511	88.0	91.0	89.5	2.12	3.35
2-Chlorophenol	LCS946174	LCSD946174	0.66	0.99	0.66	00.00	00.00
2-Chlorophenol	LCS946355	LCSD946355	94.0	97.0	95.5	2.12	3.14
2-Chlorophenol	LCS946381	LCSD946381	0.06	89.0	89.5	0.707	1.12
2-Chlorophenol	LCS946427	LCSD946427	95.0	88.0	91.5	4.95	7.65
2-Chlorophenol	LCS946438	LCSD946438	91.0	94.0	92.5	2.12	3.24
2-Chlorophenol	LCS946458	LCSD946458	91.0	0.06	90.5	0.707	1.10
2-Chlorophenol	LCS946511	LCSD946511	0.06	85.0	87.5	3.54	5.71
2-Chlorophenol	LCS946511	LCSD946511	92.0	88.0	0.06	2.83	4.44
2-Methylnaphthalene	LCS946174	LCSD946174	111	109	110	1.41	1.82
2-Methylnaphthalene	LCS946355	LCSD946355	101	105	103	2.83	3.88
2-Methylnaphthalene	LCS946381	LCSD946381	104	98.0	101	4.24	5.94
2-Methylnaphthalene	LCS946427	LCSD946427	103	0.66	101	2.83	3.96

Compiled: 22 March 1995 NC = Not Carriable (

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		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
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Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control D	Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont	<u>τ</u> .					

5.41	1.01	1.06	4.12	1.07	4.49	2.53	5.78	3.55	2.35	4.94	3.82	5.88	3.21	3.05	12.2	2.58	0.976	2.06	3.08	2.74	5.61	2.82	4.17	2.71	0.957	3.11
4.24	0.707	0.707	2.83	0.707	2.83	1.41	3.54	2.12	1.41	2.83	2.12	4.24	2.12	2.12	8.49	2.12	0.707	1.41	2.12	2.12	4.24	2.12	2.83	2.12	0.707	2.12
111	99.5	94.5	97.0	93.5	89.0	79.0	86.5	84.5	85.0	81.0	78.5	102	93.5	98.5	98.0	117	103	97.0	97.5	110	107	107	96.0	111	105	96.5
114	0.66	95.0	95.0	94.0	91.0	78.0	84.0	86.0	84.0	79.0	77.0	0.66	95.0	97.0	95.0	115	102	98.0	0.66	108	110	105	94.0	112	104	95.0
108	100	94.0	99.0	93.0	87.0	80.0	89.0	83.0	86.0	83.0	80.0	105	92.0	100	104	118	103	96.0	96.0	111	104	108	98.0	109	105	98.0
LCSD946438	LCSD946458	LCS0946511	LCSD946511	LCSD946174	LCSD946355	LCSD946381	LCSD946427	LCSD946438	LCSD946458	LCSD946511	LCSD946511	LCSD946174	LCSD946355	LCSD946381	LCSD946427	LCSD946438	LCSD946458	LCSD946511	LCSD946511	LCSD946174	LCSD946355	LCSD946381	LCSD946427	LCSD946438	LCSD946458	LCSD946511
LCS946438	LCS946458	LCS946511	LCS946511	LCS946174	LCS946355	LCS946381	LCS946427	LCS946438	LCS946458	LCS946511	LCS946511	LCS946174	LCS946355	LCS946381	LCS946427	LCS946438	LCS946458	LCS946511	LCS946511	LCS946174	LCS946355	LCS946381	LCS946427	LCS946438	LCS946458	LCS946511
2-Methylnaphthalene	2-Methylnaphthalene	2-Methylnaphthalene	2-Methylnaphthalene	2-Methylphenol	2-Methylphenol	2-Methylphenol	2-Methylphenol	2-Methylphenol	2-Methylphenolí	2-Methylphenol	2-Methylphenol	2-Nitroaniline	2-Nitroaniline	2-Nitroaniline	2-Nitroaniline	2-Nitroaniline	2-Nitroaniline	2-Nitroaniline	2-Nitroaniline	2-Nitrophenol	2-Nitrophenol	2-Nitrophenol	2-Nitrophenol	2-Nitrophenol	2-Nitrophenol	2-Nitrophenol

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
			 	1 1 1 1 1 1 1	 		
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate . cont	• Organics / Control Dunlicate . cont						
2-Nitrophenol	LCS946511	LCSD946511	93.0	94.0	93.5	0.707	1.07
3,3'-Dichlorobenzidine	LCS946174	LCSD946174	152	144	148	5.66	5.41
3,3'-Dichlorobenzidine	LCS946355	LCSD946355	120	127	124	4.95	5.67
3,3'-Dichlorobenzidine	LCS946381	LCSD946381	144	140	142	2.83	2.82
3,3'-Dichlorobenzidine	LCS946427	LCSD946427	141	129	135	8.49	8.89
3,3'-Dichlorobenzidine	LCS946438	LCSD946438	160	156	158	2.83	2.53
3,3'-Dichlorobenzidine	LCS946458	LCSD946458	127	125	126	1.41	1.59
3,3'-Dichlorobenzidine	LCS946511	LCSD946511	134	137	136	2.12	2.21
3,3'-Dichlorobenzidine	LCS946511	LCSD946511	140	144	142	2.83	2.82
3-Nitroaniline	LCS946174	LCSD946174	111	105	108	4.24	5.56
3-Nitroaniline	LCS946355	LCSD946355	94.0	101	97.5	4.95	7.18
3-Nitroaniline	LCS946381	LCSD946381	110	105	108	3.54	4.65
3-Nitroaniline	LCS946427	LCSD946427	109	95.0	102	9.90	13.7
3-Nitroaniline	LCS946438	LCSD946438	122	120	121	1.41	1.65
3-Nitroaniline	LCS946458	LCSD946458	103	103	103	00.00	0.00
3-Nitroaniline	LCS946511	LCSD946511	100	106	103	4.24	5.83
3-Nitroaniline	LCS946511	LCSD946511	100	104	102	2.83	3.92
4,6-Dinitro-2-methylphenol	LCS946174	LCSD946174	129	130	130	0.707	0.772
4,6-Dinitro-2-methylphenol	LCS946355	LCSD946355	133	141	137	5.66	5.84
4,6-Dinitro-2-methylphenol	LCS946381	LCSD946381	137	141	139	2.83	2.88
4,6-Dinitro-2-methylphenol	LCS946427	LCSD946427	125	111	118	9.90	11.9
4,6-Dinitro-2-methylphenol	LCS946438	LCSD946438	145	140	143	3.54	3.51
4,6-Dinitro-2-methylphenol	LCS946458	LCSD946458	141	137	139	2.83	2.88
4,6-Dinitro-2-methylphenol	LCS946511	LCSD946511	118	117	118	0.702	0.851
4,6-Dinitro-2-methylphenol	LCS946511	LCSD946511	121	118	120	2.12	2.51
4-Bromophenyl phenyl ether	LCS946174	LCSD946174	104	104	104	00.00	0.00
4-Bromophenyl phenyl ether	LCS946355	LCSD946355	101	106	104	3.54	4.83

Compiled: 22 March 1995 NC = Not C | Jable (

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
<pre>Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont</pre>	Organics Control Duplicate , cor	it.					
4-Bromophenyl phenyl ether	LCS946381	LCSD946381	106	106	106	0.00	0.00
4-Bromophenyl phenyl ether	LCS946427	LCSD946427	102	88.0	95.0	9.90	14.7
4-Bromophenyl phenyl ether	LCS946438	LCSD946438	114	111	113	2.12	2.67
4-Bromophenyl phenyl ether	LCS946458	LCSD946458	98.0	0.66	98.5	0.707	1.02
4-Bromophenyl phenyl ether	LCS946511	LCSD946511	94.0	94.0	94.0	0.00	00.00
4-Bromophenyl phenyl ether	LCS946511	LCSD946511	88.0	0.68	88.5	0.707	1.13
4-Chloro-3-methylphenol	LCS946174	LCSD946174	100	0.66	99.5	0.707	1.01
4-Chloro-3-methylphenol	LCS946355	LCSD946355	101	103	102	1.41	1.96
4-Chloro-3-methylphenol	LCS946381	LCSD946381	98.0	96.0	97.0	1.41	2.06
4-Chloro-3-methylphenol	LCS946427	LCSD946427	93.0	87.0	90.0	4.24	6.67
4-Chloro-3-methylphenol	LCS946438	LCSD946438	0.66	101	100	1.41	2.00
4-Chloro-3-methylphenol	LCS946458	LCSD946458	. 95.0	93.0	94.0	1.41	2.13
4-Chloro-3-methylphenol	LCS946511	LCSD946511	0.68	87.0	88.0	1.41	2.27
4-Chloro-3-methylphenol	LCS946511	LCSD946511	85.0	87.0	86.0	1.41	2.33
4-Chlorophenyl phenyl ether	LCS946174	LCSD946174	106	102	104	2.83	3.85
4-Chlorophenyl phenyl ether	LCS946355	LCSD946355	105	111	108	4.24	5.56
4-Chlorophenyl phenyl ether	LCS946381	LCSD946381	113	110	112	2.12	2.69
4-Chlorophenyl phenyl ether	LCS946427	LCSD946427	107	95.0	101	8.49	11.9
4-Chlorophenyl phenyl ether	LCS946438	LCSD946438	118	117	118	0.707	0.851
4-Chlorophenyl phenyl ether	LCS946458	LCSD946458	104	102	103	1.41	1.94
4-Chlorophenyl phenyl ether	LCS946511	LCSD946511	103	104	104	0.707	996.0
4-Chlorophenyl phenyl ether	LCS946511	LCSD946511	95.0	0.66	97.0	2.83	4.12
4-Methylphenol/3-Methylphenol	LCS946174	LCSD946174	97.0	98.0	97.5	0.707	1.03
4-Methylphenol/3-Methylphenol	LCS946355	LCSD946355	81.0	83.0	82.0	1.41	2.44
4-Methylphenol/3~Methylphenol	LCS946381	LCSD946381	0.89	0.99	67.0	1.41	2.99
4-Methylphenol/3-Methylphenol	LCS946427	LCSD946427	91.0	84.0	87.5	4.95	8.00
4-Methylphenol/3-Methylphenol	LCS946438	LCSD946438	70.0	73.0	71.5	2.12	4.20

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean	Standard Deviation	RPD (%)
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Method = SW8270 - Semivolatile Organics	Organics						
Type of Duplicate : Laboratory Control Duplicate ,	Control Duplicate , cont.						
4-Methylphenol/3-Methylphenol	LCS946458	LCSD946458	78.0	76.0	77.0	1.41	2.60
4-Methylphenol/3-Methylphenol	LCS946511	LCSD946511	76.0	74.0	75.0	1.41	2.67
4-Methylphenol/3-Methylphenol	LCS946511	LCSD946511	77.0	0.69	73.0	5.66	11.0
4-Nitroaniline	LCS946174	LCSD946174	103	97.0	100	4.24	6.00
4-Nitroaniline	LCS946355	LCSD946355	86.0	0.06	88.0	2.83	4.55
4-Nitroaniline	LCS946381	LCSD946381	104	101	103	2.12	2.93
4-Nitroaniline	LCS946427	LCSD946427	0.66	83.0	91.0	11.3	17.6
4-Nitroaniline	LCS946438	LCSD946438	115	114	115	0.707	0.873
4-Nitroaniline	LCS946458	LCSD946458	0.06	91.0	90.5	0.707	1.10
4-Nitroaniline	LCS946511	LCSD946511	93.0	98.0	95.5	3.54	5.24
4-Nitroaniline	LCS946511	LCSD946511	94.0	0.66	96.5	3.54	5.18
4-Nitrophenol	LCS946174	LCSD946174	94.0	0.06	92.0	2.83	4.35
4-Nitrophenol	LCS946355	LCSD946355	105	108	107	2.12	2.82
4-Nitrophenol	LCS946381	LCSD946381	48.0	46.0	47.0	1.41	4.26
4-Nitrophenol	LCS946427	LCSD946427	103	89.0	96.0	9.90	14.6
4-Nitrophenol	LCS946438	LCSD946438	48.0	47.0	47.5	0.707	2.11
4-Nitrophenol	LCS946458	LCSD946458	92.0	91.0	91.5	0.707	1.09
4-Nitrophenol	LCS946511	LCSD946511	47.0	48.0	47.5	0.707	2.11
4-Nitrophenol	LCS946511	LCSD946511	48.0	47.0	47.5	0.707	2.11
Acenaphthene	LCS946174	LCSD946174	0.66	95.0	97.0	2.83	4.12
Acenaphthene	LCS946355	LCSD946355	0.06	93.0	91.5	2.12	3.28
Acenaphthene	LCS946381	LCSD946381	94.0	0.06	92.0	2.83	4.35
Acenaphthene	LCS946427	LCSD946427	100	89.0	94.5	7.78	11.6
Acenaphthene	LCS946438	LCSD946438	101	101	101	0.00	0.00
Acenaphthene	LCS946458	LCSD946458	90.0	0.06	90.0	0.00	0.00
Acenaphthene	LCS946511	LCSD946511	92.0	95.0	93.5	2.12	3.21
Acenaphthene	LCS946511	LCSD946511	0.68	92.0	90.5	2.12	3.31
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Compiled: 22 March 1995 NC = Not ( able () = Data Flag

A-3.1-54

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate ,	Semivolatile Organics : Laboratory Control Duplicate , cont.	ن					
Acenaphthylene	LCS946174	LCSD946174	108	102	105	4.24	5.71
Acenaphthylene	LCS946355	LCSD946355	98.0	102	100	2.83	4.00
Acenaphthylene	LCS946381	LCSD946381	102	0.66	101	2.12	2.99
Acenaphthylene	LCS946427	LCSD946427	110	99.0	105	7.78	10.5
Acenaphthylene	LCS946438	LCSD946438	111	111	111	0.00	00.00
Acenaphthylene	LCS946458	LCSD946458	0.66	100	99.5	0.707	1.01
Acenaphthylene	LCS946511	LCSD946511	102	107	105	3.54	4.78
Acenaphthylene	LCS946511	LCSD946511	101	102	102	0.707	0.985
Anthracene	LCS946174	LCSD946174	111	108	110	2.12	2.74
Anthracene	LCS946355	LCSD946355	101	104	103	2.12	2.93
Anthracene	LCS946381	LCSD946381	107	104	106	2.12	2.84
Anthracene	LCS946427	LCSD946427	112	102	107	7.07	9.35
Anthracene	LCS946438	LCSD946438	114	114	114	0.00	0.00
Anthracene	LCS946458	LCSD946458	103	103	103	0.00	00.00
Anthracene	LCS946511	LCSD946511	104	103	104	0.707	996.0
Anthracene	LCS946511	LCSD946511	101	104	103	2.12	2.93
Benzo(a)anthracene	LCS946174	LCSD946174	114	112	113	1.41	1.77
Benzo(a)anthracene	LCS946355	LCSD946355	0.66	101	100	1.41	2.00
Benzo(a)anthracene	LCS946381	LCSD946381	103	100	102	2.12	2.96
Benzo(a)anthracene	LCS946427	LCSD946427	. 110	100	105	7.07	9.52
Benzo(a)anthracene	LCS946438	LCSD946438	114	112	113	1.41	1.77
Benzo(a)anthracene	LCS946458	LCSD946458	101	98.0	99.5	2.12	3.02
Benzo(a)anthracene	LCS946511	LCSD946511	105	106	106	0.707	0.948
Benzo(a)anthracene	LCS946511	LCSD946511	101	101	101	0.00	0.00
Benzo(a)pyrene	LCS946174	LCSD946174	103	0.66	101	2.83	3.96
Benzo(a)pyrene	LCS946355	LCSD946355	91.0	94.0	92.5	2.12	3.24
Benzo(a)pyrene	LCS946381	LCSD946381	0.76	95.0	96.0	1.41	2.08

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Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics	le Organics						
Type of Duplicate : Laboratory Control Duplicate	ory Control Duplicate , cont.						
Benzo(a)pyrene	LCS946427	LCSD946427	104	94.0	99.0	7.07	10.1
Benzo(a)pyrene	LCS946438	LCSD946438	105	103	104	1.41	1.92
Benzo(a)pyrene	LCS946458	LCSD946458	94.0	93.0	93.5	0.707	1.07
Benzo(a)pyrene	LCS946511	LCSD946511	98.0	98.0	98.0	00.00	0.00
Benzo(a)pyrene	LCS946511	LCSD946511	102	97.0	99.5	3.54	5.03
Benzo(b)fluoranthene	LCS946174	LCSD946174	105	100	103	3.54	4.88
Benzo(b)fluoranthene	LCS946355	LCSD946355	0.06	87.0	88.5	2.12	3,39
Benzo(b)fluoranthene	LCS946381	LCSD946381	88.0	84.0	86.0	2.83	4.65
Benzo(b)fluoranthene	LCS946427	LCSD946427	104	98.0	101	4.24	5.94
Benzo(b)fluoranthene	LCS946438	LCSD946438	107	98.0	103	6.36	8.78
Benzo(b)fluoranthene	LCS946458	LCSD946458	88.0	0.06	89.0	1.41	2.25
Benzo(b)fluoranthene	LCS946511	LCSD946511	89.0	97.0	93.0	5.66	8.60
Benzo(b)fluoranthene	LCS946511	LCSD946511	0.96	96.0	0.96	00.00	0.00
Benzo(g,h,i)perylene	LCS946174	LCSD946174	130	122	126	5.66	6.35
Benzo(g,h,i)perylene	LCS946355	LCSD946355	95.0	98.0	96.5	2.12	3.11
Benzo(g,h,i)perylene	LCS946381	LCSD946381	103	0.66	101	2.83	3.96
Benzo(g,h,i)perylene	LCS946427	LCSD946427	130	112	121	12.7	14.9
Benzo(g,h,i)perylene	LCS946438	LCSD946438	109	107	108	1.41	1.85
Benzo(g,h,i)perylene	LCS946458	LCSD946458	96.0	95.0	95.5	0.707	1.05
Benzo(g,h,i)perylene	LCS946511	LCSD946511	116	111	114	3.54	4.41
Benzo(g,h,i)perylene	LCS946511	LCSD946511	114	114	114	00.00	00.00
Benzo(k)fluoranthene	LCS946174	LCSD946174	112	112	112	00.00	0.00
Benzo(k)fluoranthene	LCS946355	LCSD946355	85.0	97.0	91.0	8.49	13.2
Benzo(k)fluoranthene	LCS946381	LCSD946381	97.0	96.0	96.5	0.707	1.04
Benzo(k)fluoranthene	LCS946427	LCSD946427	120	0.66	110	14.8	19.2
Benzo(k)fluoranthene	LCS946438	LCSD946438	93.0	98.0	95.5	3.54	5.24
Benzo(k)fluoranthene	LCS946458	LCSD946458	0.06	0.06	0.06	0.00	0.00

Compiled: 22 March 1995 NC = Not Calable (

able () = Data Flag

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
					1 1 1 1		1 1 1 1 1
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont	le Organics ry Control Duplicate , con						
Benzo(k)fluoranthene	LCS946511	LCSD946511	0.86	102	100	2.83	4.00
Benzo(k)fluoranthene	LCS946511	LCSD946511	107	111	109	2.83	3.67
Benzoic acid	LCS946174	LCSD946174	71.0	0.69	70.0	1.41	2.86
Benzoic acid	LCS946355	LCSD946355	92.0	93.0	92.5	0.707	1.08
Benzoic acid	LCS946381	LCSD946381	12.0	19.0	15.5	4.95	45.2
Benzoic acid	LCS946427	LCSD946427	63.0	75.0	0.69	8.49	17.4
Benzoic acid	LCS946438	LCSD946438	13.0	15.0	14.0	1.41	14.3
Benzoic acid	LCS946458	LCSD946458	86.0	87.0	86.5	0.707	1.16
Benzoic acid	LCS946511	LCSD946511	41.0	38.0	39.5	2.12	7.59
Benzoic acid	LCS946511	LCSD946511	40.0	39.0	39.5	0.707	2.53
Benzyl alcohol	LCS946174	LCSD946174	101	102	102	0.707	0.985
	LCS946355	LCSD946355	85.0	91.0	88.0	4.24	6.82
	LCS946381	LCSD946381	0.62	76.0	77.5	2.12	3.87
Benzyl alcohol	LCS946427	LCSD946427	109	104	107	3.54	4.69
	LCS946438	LCSD946438	95.0	98.0	96.5	2.12	3.11
	LCS946458	LCSD946458	89.0	94.0	91.5	3.54	5.46
Benzyl alcohol	LCS946511	LCSD946511	94.0	0.06	92.0	2.83	4.35
Benzyl alcohol	LCS946511	LCSD946511	93.0	85.0	89.0	5.66	8.99
Butylbenzylphthalate	LCS946174	LCSD946174	114	113	114	0.707	0.881
Butylbenzylphthalate	LCS946355	LCSD946355	0.96	95.0	95.5	0.707	1.05
Butylbenzylphthalate	LCS946381	LCSD946381	97.0	0.96	96.5	0.707	1.04
Butylbenzylphthalate	LCS946427	LCSD946427	124	115	120	6.36	7.53
Butylbenzylphthalate	- LCS946438	LCSD946438	116	111	114	3.54	4.41
Butylbenzylphthalate	LCS946458	LCSD946458	100	98.0	99.0	1.41	2.02
Butylbenzylphthalate	LCS946511	LCSD946511	101	106	104	3.54	4.83
Butylbenzylphthalate	LCS946511	LCSD946511	109	114	112	3.54	4.48
Chrysene	LCS946174	LCSD946174	107	108	108	0.707	0.930

Method = SW8270 - Semivolatile Organics  Type of Duplicate: Laboratory Control Duplicate, cont.  Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene	Duplicate , cont.  355 1427 1427 1438 1511 1511 174 1855	CSD946355 CSD946381 CSD946427 CSD946438 CSD946511 CSD946511 CSD946511	95.0 101 108 112 98.0 98.0	99.0 98.0 99.0 109 96.0 122	97.0 99.5 104 111 97.0	2.83 2.12 6.36	
	355 427 1438 1438 1458 1511 174 174 174 1855	CSD946355 CSD946381 CSD946427 CSD946438 CSD946511 CSD946511 CSD946511	95.0 101 108 112 98.0 98.0	99.0 98.0 99.0 109 96.0 100	97.0 99.5 104 111 97.0	2.83 2.12 6.36 2.12	
	1427   1427   1438   1458   1511   1511   174   1615   1555   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   1615   161	CSD946381 CSD946427 CSD946438 CSD946458 CSD946511 CSD946511	101 108 112 98.0 98.0 98.0	98.0 99.0 109 96.0 100 98.0	99.5 104 111 97.0	2.12 6.36 2.12	4.12
	427   1 438   1 458   1 511   1 511   1 174   1 855   1	CSD946427 CSD946438 CSD946458 CSD946511 CSD946511 CSD946174	108 112 98.0 98.0 98.0	99.0 109 96.0 100 98.0	104 111 97.0	6.36	3.02
	1458   1 511   1 511   1 174   1 855   1	CSD946438 CSD946458 CSD946511 CSD946511 CSD946511	112 98.0 98.0 98.0	109 96.0 100 98.0 122	111 97.0 99 0	2.12	8.70
	511 (1) (1) (1) (1) (1) (1) (1) (1) (1) (	CSD946458 CSD946511 CSD946511 CSD946174	98.0 98.0 98.0 125	96.0 100 98.0 122	97.0		2.71
	511   1 511   1 174   1 855   1	CSD946511 CSD946511 CSD946174	98.0 98.0 125	100 98.0 122	0 66	1.41	2.06
	511 L 174 L 555 L	.CSD946511 .CSD946174	98.0 125	98.0 122	)	1.41	2.02
	174   1 355   1 381   L	_CSD946174	125	122	98.0	0.00	0.00
	355 L 381 L	770707070			124	2.12	2.43
	381	_L>U946355	101	101	101	0.00	0.00
		_CSD946381	102	0.66	101	2.12	2.99
~	127 L	_CSD946427	139	127	133	8.49	9.02
	138 L	.CSD946438	117	112	115	3.54	4.37
_	128	_CSD946458	104	103	104	0.707	996.0
_	511	.CSD946511	114	113	114	0.707	0.881
_	511	.CSD946511	127	123	125	2.83	3.20
	174 L	_CSD946174	108	102	105	4.24	5.71
	355 L	.csD946355	93.0	0.96	94.5	2.12	3.17
_	381	.CSD946381	0.66	97.0	98.0	1.41	2.04
	127 L	_CSD946427	104	95.0	99.5	6.36	9.05
	138 L	.CSD946438	107	104	106	2.12	2.84
_	158 L	.CSD946458	94.0	94.0	94.0	0.00	0.00
_	511	.CSD946511	97.0	91.0	94.0	4.24	6.38
nthracene	511	.CSD946511	95.0	95.0	95.0	0.00	0.00
~	.74	.CSD946174	107	101	104	4.24	5.77
_		.CSD946355	98.0	102	100	2.83	4.00
_		.CSD946381	105	100	103	3.54	4.88
Dibenzofuran LCS946427	_	_CSD946427	100	92.0	0.96	5.66	8.33

Compiled: 22 March 1995 NC = Not Carriable (

able () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control	Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.						
Dibenzofuran	LCS946438	LCSD946438	109	110	110	0.707	0.913
Dibenzofuran	LCS946458	LCSD946458	97.0	96.0	96.5	0.707	1.04
Dibenzofuran	LCS946511	LCSD946511	94.0	97.0	95.5	2.12	3.14
Dibenzofuran	LCS946511	LCSD946511	94.0	95.0	94.5	0.707	1.06
Dibutylphthalate	LCS946174	LCSD946174	110	109	110	0.707	0.913
Dibutylphthalate	LCS946355	. LCSD946355	101	102	102	0.707	0.985
Dibutylphthalate	LCS946381	LCSD946381	105	103	104	1.41	1.92
Dibutylphthalate	LCS946427	LCSD946427	119	105	112	9.90	12.5
Dibutylphthalate	LCS946438	LCSD946438	115	110	113	3.54	4.44
Dibutylphthalate	LCS946458	LCSD946458	99.0	0.66	99.0	0.00	0.00
Dibutylphthalate	LCS946511	LCSD946511	102	101	102	0.707	0.985
Dibutylphthalate	LCS946511	LCSD946511	104	104	104	0.00	0.00
Diethylphthalate	LCS946174	LCSD946174	109	104	107	3.54	4.69
Diethylphthalate	LCS946355	LCSD946355	101	105	103	2.83	3.88
Diethylphthalate	LCS946381	LCSD946381	107	103	105	2.83	3.81
Diethylphthalate	LCS946427	LCSD946427	113	101	107	8.49	11.2
Diethylphthalate	LCS946438	LCSD946438	112	113	113	0.707	0.889
Diethylphthalate	LCS946458	LCSD946458	0.66	0.66	0.66	0.00	0.00
Diethylphthalate	LCS946511	LCSD946511	102	105	104	2.12	2.90
Diethylphthalate	LCS946511	LCSD946511	102	105	104	2.12	2.90
Dimethylphthalate	LCS946174	LCSD946174	107	103	105	2.83	3.81
Dimethylphthalate	LCS946355	LCSD946355	98.0	102	100	2.83	4.00
Dimethylphthalate	LCS946381	LCSD946381	103	101	102	1.41	1.96
Dimethylphthalate	LCS946427	LCSD946427	109	97.0	103	8.49	11.7
Dimethylphthalate	LCS946438	LCSD946438	114	113	114	0.707	0.881
Dimethylphthalate	LCS946458	LCSD946458	0.86	98.0	98.0	0.00	0.00
Dimethylphthalate	LCS946511	LCSD946511	97.0	102	99.5	3.54	5.03

Compiled: 22 March 1995 NC = Not Calculable (

() = Data Flag

Parameter	Sample ID	Duplicate Sample ID	Value 	Ouplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.	e Organics y Control Duplicate , cont.						
Dimethylphthalate	LCS946511	LCSD946511	97.0	102	99.2	3.54	5.03
Diphenylamine	LCS946174	LCSD946174	0.79	97.0	97.0	00.00	0.00
Diphenylamine	LCS946355	LCSD946355	93.0	95.0	94.0	1.41	2.13
Diphenylamine	LCS946381	LCSD946381	100	0.96	98.0	2.83	4.08
Diphenylamine	LCS946427	LCSD946427	108	94.0	101	9.90	13.9
Diphenylamine	LCS946438	LCSD946438	107	106	107	0.707	0.939
Diphenylamine	LCS946458	LCSD946458	91.0	92.0	91.5	0.707	1.09
Diphenylamine	LCS946511	LCSD946511	92.0	92.0	92.0	0.00	0.00
Diphenylamine	LCS946511	LCSD946511	95.0	94.0	94.5	0.707	1.06
Fluoranthene	LCS946174	LCSD946174	102	102	102	0.00	0.00
Fluoranthene	LCS946355	LCSD946355	97.0	102	99.2	3.54	5.03
Fluoranthene	LCS946381	LCSD946381	103	0.66	101	2.83	3.96
Fluoranthene	LCS946427	LCSD946427	101	93.0	97.0	5.66	8.25
Fluoranthene	LCS946438	LCSD946438	109	108	109	0.707	0.922
Fluoranthene	LCS946458	LCSD946458	0.96	0.96	96.0	0.00	0.00
Fluoranthene	LCS946511	LCSD946511	94.0	92.0	93.0	1.41	2.15
Fluoranthene	LCS946511	LCSD946511	93.0	93.0	93.0	00.00	0.00
Fluorene	LCS946174	LCSD946174	0.96	92.0	94.0	2.83	4.26
Fluorene	LCS946355	LCSD946355	84.0	88.0	86.0	2.83	4.65
Fluorene	LCS946381	LCSD946381	0.06	86.0	88.0	2.83	4.55
Fluorene	LCS946427	LCSD946427	91.0	81.0	86.0	7.07	11.6
Fluorene	LCS946438	LCSD946438	93.0	94.0	93.5	0.707	1.07
Fluorene	LCS946458	LCSD946458	85.0	84.0	84.5	0.707	1.18
Fluorene	LCS946511	LCSD946511	83.0	87.0	85.0	2.83	4.71
Fluorene	LCS946511	LCSD946511	86.0	88.0	87.0	1.41	2.30
Hexachlorobenzene	LCS946174	LCSD946174	109	0.66	104	7.07	9.62
Hexachlorobenzene	LCS946355	LCSD946355	106	113	110	4.95	6.39

Compiled: 22 March 1995 NC = Not C able (

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: 22 March 1995 Calculable ()		= Data Flac
22 March		"
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27.2 11.7 12.2 12.2 9.05

15.6 9.90 6.36 10.6 8.49

> 120 73.5 123

127 78.0

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113 69.0 115

_CSD946438

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**Hexachlorocyclopentadiene** 

**Hexachlorocyclopentadiene** Hexachlorocyclopentadiene

Hexachlorocyclopentadiene

Hexachloroethane Hexach] oroethane **Hexachloroethane Hexachloroethane Hexachloroethane** 

Hexachlorocyclopentadiene

.CS946458 CS946511

CSD946458

_CSD946427

130 139 1.06

95.0 88.0

94.0 92.0

127 111

CSD946174

CS946174 CS946355

.CS946511

CSD946355

CSD946381 .CSD946427 .CSD946438

CS946427

CS946381

CS946438

CSD946511

_CSD946511

4.44

2.74

2.12 0.707

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Method = SW8270 - Semivolatile Organics         Type of Duplicate: Laboratory Control Duplicate, cont.           Hexachloroethane Hexachloroethane Hexachloroethane (LCS946511 (LCS946511 (LCS946511 (LCS946511 (LCS946511 (LCS946511 (LCS946511 (LCS946511 (LCS946511 (LCS946352 (LCS946381 (LCS946381 (LCS946381 (LCS946381 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS946427 (LCS9946427 (LCS9946427 (LCS9946421 (LCS9946427 (LCS99464427 (LCS99464427 (LCS99464427 (LCS99464427 (LCS99464427 (LCS99464427 (LCS99464427 (LCS99464427	Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
LCS946458 LCS946511 LCS946511 LCS946174 LCS946381 LCS946427 LCS946438 LCS946438 LCS9464511 LCS946436 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511	<pre>Aethod = SW8270 - Semivolatile Type of Duplicate : Laboratory</pre>	Organics Control Duplicate , cont.						
LCS946511 LCS946511 LCS946174 LCS946381 LCS946427 LCS946438 LCS946458 LCS946511 LCS946511 LCS946355 LCS946438 LCS946438 LCS946427 LCS946438 LCS946438 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946458 LCS946458 LCS946478 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946511 LCS946458 LCS946511 LCS946458	Hexachloroethane	LCS946458	LCSD946458	90.0	89.0	89.5	0.707	1.12
LCS946511 LCS946315 LCS946381 LCS946438 LCS946438 LCS9464511 LCS946458 LCS946351 LCS94637 LCS946381 LCS946381 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946511 LCS946458	Hexachloroethane	LCS946511	LCSD946511	105	99.0	102	4.24	5.88
LCS946174 LCS946355 LCS946381 LCS946427 LCS946428 LCS946451 LCS946511 LCS946511 LCS946355 LCS946438 LCS946438 LCS946458 LCS946458 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946458 LCS946458 LCS946458	Hexachloroethane	LCS946511	LCSD946511	105	101	103	2.83	3.88
LCS946355 LCS946381 LCS946427 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946355 LCS946438 LCS946438 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946511 LCS946511 LCS946511 LCS9465511 LCS946438 LCS946438 LCS946438 LCS946438 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458	Indeno(1,2,3-cd)pyrene	LCS946174	LCSD946174	110	106	108	2.83	3.70
LCS946381 LCS946427 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946314 LCS946381 LCS946427 LCS946427 LCS946427 LCS946427 LCS946511 LCS946511 LCS946511 LCS946511 LCS946355 LCS946351 LCS946351 LCS946438 LCS946438 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458	Indeno(1,2,3-cd)pyrene	LCS946355	LCSD946355	93.0	0.96	94.5	2.12	3.17
LCS946427 LCS946438 LCS946511 LCS946511 LCS946511 LCS946355 LCS946427 LCS946427 LCS946427 LCS946438 LCS946511 LCS946511 LCS946511 LCS946511 LCS946355 LCS946488 LCS946488 LCS946488 LCS946488 LCS946488 LCS946488 LCS946488 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946511 LCS946511	Indeno(1,2,3-cd)pyrene	LCS946381	LCSD946381	100	97.0	98.5	2.12	3.05
LCS946438 LCS946458 LCS946511 LCS946511 LCS946311 LCS946355 LCS946438 LCS946438 LCS946511 LCS946511 LCS946511 LCS946511 LCS946365 LCS946488 LCS946488 LCS946511 LCS946511 LCS946511 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946511 LCS946458	Indeno(1,2,3-cd)pyrene	LCS946427	LCSD946427	109	95.0	102	9.90	13.7
LCS946458 LCS946511 LCS946511 LCS946311 LCS946355 LCS946438 LCS946438 LCS946511 LCS946511 LCS946511 LCS946511 LCS946511 LCS946438 LCS946438 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS9465511 LCS946511 LCS9	Indeno(1,2,3-cd)pyrene	LCS946438	LCSD946438	109	105	107	2.83	3.74
LCS946511 LCS946511 LCS946314 LCS946355 LCS946381 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946511 LCS946365 LCS946488 LCS946488 LCS946488 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS9465511 LCS9465511	Indeno(1,2,3-cd)pyrene	LCS946458	LCSD946458	94.0	94.0	94.0	0.00	0.00
LCS946511 LCS946174 LCS946385 LCS946381 LCS946427 LCS946458 LCS946511 LCS946511 LCS946511 LCS946511 LCS946427 LCS946427 LCS946427 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458	Indeno(1,2,3-cd)pyrene	LCS946511	LCSD946511	96.0	97.0	96.5	0.707	1.04
LCS946174 LCS946355 LCS946381 LCS946427 LCS946428 LCS946458 LCS946511 LCS946511 LCS946355 LCS946427 LCS946427 LCS946428	Indeno(1,2,3-cd)pyrene	LCS946511	LCSD946511	98.0	98.0	98.0	0.00	0.00
LCS946355 LCS946381 LCS946427 LCS946438 LCS946438 LCS946511 LCS946511 LCS946351 LCS94637 LCS946427 LCS946427 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946458 LCS946511 LCS946511	Isophorone	LCS946174	LCSD946174	111	105	108	4.24	5.56
LCS946381 L LCS946427 L LCS946438 L LCS946511 L LCS946511 L LCS946511 L LCS946355 L LCS946351 L LCS946427 L LCS946427 L LCS946427 L LCS946458 L	Isophorone	LCS946355	LCSD946355	99.0	103	101	2.83	3.96
LCS946427 L LCS946438 L LCS946458 L LCS946511 L LCS946511 L LCS946174 L LCS946355 L LCS946381 L LCS946427 L LCS946427 L LCS946458 L LCS946458 L LCS946458 L LCS946458 L	Isophorone	LCS946381	LCSD946381	104	0.66	102	3.54	4.93
LCS946438 L LCS946458 L LCS946511 L LCS946511 L LCS946174 L LCS946355 L LCS946427 L LCS946427 L LCS946458 L LCS946458 L	Isophorone	LCS946427	LCSD946427	106	101	104	3.54	4.83
LCS946458 L LCS946511 L LCS946511 L LCS946174 L LCS946355 L LCS946427 L LCS946427 L LCS946458 L LCS946458 L LCS946458 L	Isophorone	LCS946438	LCSD946438	111	115	113	2.83	3.54
LCS946511 LCS946511 LCS946355 LCS946355 LCS946427 LCS946428 LCS946458 LCS946458	Isophorone	LCS946458	LCSD946458	106	104	105	1.41	1.90
LCS946511 LCS946374 LCS946355 LCS946381 LCS946427 LCS946438 LCS946458 LCS946511	Isophorone	LCS946511	LCSD946511	102	101	102	0.707	0.985
LCS946174 LCS946355 LCS946381 LCS946427 LCS946438 LCS946458 LCS946458 LCS946511 LCS946511	Isophorone	LCS946511	LCSD946511	101	100	101	0.707	0.995
LCS946355 L LCS946381 LCS946427 L LCS946438 L LCS946458 L LCS946511 L	N-Nitroso-di-n-propylamine	LCS946174	LCSD946174	110	108	109	1.41	1.83
LCS946381 LCS946427 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946511 L	N-Nitroso-di-n-propylamine	LCS946355	LCSD946355	0.06	93.0	91.5	2.12	3.28
LCS946427 L LCS946438 L LCS946458 L LCS946511 L	N-Nitroso-di-n-propylamine	LCS946381	LCSD946381	92.0	0.06	91.0	1.41	2.20
LCS946438 L LCS946458 L LCS946511 LCS946511 L	N-Nitroso-di-n-propylamine	LCS946427	LCSD946427	103	0.96	99.5	4.95	7.04
LCS946458 L LCS946511 LCS946511 L	N-Nitroso-di-n-propylamine	LCS946438	LCSD946438	107	110	109	2.12	2.76
LCS946511 LCS946511 L	N-Nitroso-di-n-propylamine	LCS946458	LCSD946458	97.0	0.96	96.5	0.707	1.04
LCS946511	N-Nitroso-di-n-propylamine	LCS946511	LCSD946511	97.0	95.0	0.96	1.41	2.08
	N-Nitroso-di-n-propylamine	LCS946511	LCSD946511	0.66	97.0	98.0	1.41	2.04

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TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter	Samole ID	Duplicate Sample ID	Value	Duplicate Value	Mean	Standard	(%) Udd
			) I 5 I 5 I		3 1		(%)
Method = SW8270 - Semivolat	Semivolatile Organics						
Type of Duplicate : Laborat	: Laboratory Control Duplicate , cont	نه					
Naphthalene	LCS946174	LCSD946174	105	97.0	101	5.66	7.92
Naphthalene	LCS946355	LCSD946355	0.96	0.66	97.5	2.12	3.08
Naphthalene	LCS946381	LCSD946381	0.96	94.0	95.0	1.41	2.11
Naphthalene	LCS946427	LCSD946427	102	97.0	99.5	3.54	5.03
Naphthalene	LCS946438	LCSD946438	103	105	104	1.41	1.92
Naphthalene	LCS946458	LCSD946458	94.0	95.0	94.5	0.707	1.06
Naphthalene	LCS946511	LCSD946511	94.0	94.0	94.0	0.00	00.00
Naphthalene	LCS946511	LCSD946511	0.96	92.0	94.0	2.83	4.26
Nitrobenzene	LCS946174	LCSD946174	105	101	103	2.83	3.88
Nitrobenzene	LCS946355	LCSD946355	97.0	101	0.66	2.83	4.04
Nitrobenzene	LCS946381	LCSD946381	98.0	93.0	95.5	3.54	5.24
Nitrobenzene	LCS946427	LCSD946427	0.66	96.0	97.5	2.12	3.08
Nitrobenzene	LCS946438	LCSD946438	106	113	110	4.95	6.39
Nitrobenzene	LCS946458	LCSD946458	100	100	100	0.00	00.00
Nitrobenzene	LCS946511	LCSD946511	95.0	94.0	93.0	1.41	2.15
Nitrobenzene	LCS946511	LCSD946511	95.0	94.0	94.5	0.707	1.06
Pentachlorophenol	LCS946174	LCSD946174	73.0	73.0	73.0	0.00	0.00
Pentachlorophenol	LCS946355	LCSD946355	94.0	100	97.0	4.24	6.19
Pentachlorophenol	LCS946381	LCSD946381	93.0	0.96	94.5	2.12	3.17
Pentachlorophenol	LCS946427	LCSD946427	81.0	75.0	78.0	4.24	7.69
Pentachlorophenol	LCS946438	LCSD946438	89.0	86.0	87.5	2.12	3.43
Pentachlorophenol	LCS946458	LCSD946458	88.0	86.0	87.0	1.41	2.30
Pentachlorophenol	LCS946511	LCSD946511	0.77	81.0	79.0	2.83	5.06
Pentachlorophenol	LCS946511	LCSD946511	76.0	75.0	75.5	0.707	1.32
Phenanthrene	LCS946174	LCSD946174	0.76	96.0	96.5	0.707	1.04
Phenanthrene	LCS946355	LCSD946355	0.68	93.0	91.0	2.83	4.40
Phenanthrene.	LCS946381	LCSD946381	93.0	89.0	91.0	2.83	4.40

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

: SW8270 - Semivolatile Or Duplicate : Laboratory Co threne threne threne threne	cont.	99.0 100 89.0 96.0 95.0 96.0	90.0 99.0 88.0 88.0 95.0 93.0	94.5 99.5 88.5 89.0 88.0 95.0 92.0	6.36 0.707 0.707	9.52 1.01 1.13 2.25
threne threne threne threne	LCSD946427 LCSD946438 LCSD946458 LCSD946511 LCSD946511 LCSD946511 LCSD946374 LCSD946381 LCSD946427 LCSD946438	99.0 100 89.0 96.0 95.0 96.0	90.0 99.0 88.0 88.0 88.0 95.0 43.0	94.5 99.5 88.5 89.0 88.0 95.0 43.5	6.36 0.707 0.707	9.52 1.01 1.13 2.25
threne threne threne	LCSD946438 LCSD946458 LCSD946511 LCSD946511 LCSD946511 LCSD946174 LCSD946355 LCSD946427 LCSD946438	100 89.0 90.0 88.0 95.0 91.0 44.0	99.0 88.0 88.0 88.0 95.0 43.0	99.5 88.5 89.0 88.0 95.0 43.5	0.707 0.707 0.707	1.01 1.13 2.25
threne threne threne	LCSD946458 LCSD946511 LCSD946511 LCSD946174 LCSD946355 LCSD946381 LCSD946427 LCSD946438	89.0 90.0 88.0 95.0 91.0 44.0	88.0 88.0 95.0 93.0 43.0	88.5 89.0 88.0 95.0 92.0 43.5	0.707	1.13
threne	LCSD946511 LCSD946511 LCSD946174 LCSD946355 LCSD946381 LCSD946427 LCSD946438	90.0 88.0 95.0 91.0 44.0	88.0 88.0 95.0 93.0 43.0	89.0 88.0 95.0 92.0 43.5	1 41	2.25
threne	LCSD946511 LCSD946174 LCSD946355 LCSD946381 LCSD946427 LCSD946438	88.0 95.0 91.0 44.0 96.0	88.0 95.0 93.0 43.0 89.0	88.0 95.0 92.0 43.5	<b>1</b>	
	LCSD946174 LCSD946355 LCSD946381 LCSD946427 LCSD946438	95.0 91.0 44.0 96.0	95.0 93.0 43.0 89.0	95.0 92.0 43.5 92.5	00.00	0.00
	LCSD946355 LCSD946381 LCSD946427 LCSD946438	91.0	93.0 43.0 89.0	92.0 43.5 92.5	0.00	0.00
	LCSD946381 LCSD946427 LCSD946438	44.0	43.0 89.0	43.5 92.5	1.41	2.17
	LCSD946427 LCSD946438	96.0	89.0	92.5	0.707	2.30
	LCSD946438	0.01	0 03		4.95	7.57
	011010101	7.0+	0.00	49.5	0.707	2.02
	LL3D340438	89.0	86.0	87.5	2.12	3.43
	LCSD946511	49.0	45.0	47.0	2.83	8.51
	LCSD946511	48.0	44.0	46.0	2.83	8.70
	LCSD946174	106	104	105	1.41	1.90
	LCSD946355	93.0	95.0	94.0	1.41	2.13
	LCSD946381	97.0	94.0	95.5	2.12	3.14
	LCSD946427	108	0.66	104	6.36	8.70
_	LCSD946438	109	107	108	1.41	1.85
_	LCSD946458	0.66	95.0	97.0	2.83	4.12
7	LCSD946511	94.0	0.96	95.0	1.41	2.11
_	LCSD946511	0.66	101	100	1.41	2.00
_	LCSD946174	102	97.0	99.5	3.54	5.03
_	LCSD946355	93.0	0.96	94.5	2.12	3.17
_	LCSD946381	0.96	92.0	94.0	2.83	4.26
_	LCSD946427	0.96	93.0	94.5	2.12	3.17
_	LCSD946438	106	109	108	2.12	2.79
Dis(z-thioroethoxy)methane LCS946458	LCSD946458	0.96	96.0	96.0	0.00	00.00

Compiled: 22 March 1995 NC = Not Carryble (

ble () = Data Flag

TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Method = SW8270 - Semivolatile Organics Type of Duplicate: Laboratory Control Duplicate, cont.  bis(2-Chloroethoxy)methane LCS946511 LCS bis(2-Chloroethyl)ether LCS946511 LCS bis(2-Chloroethyl)ether LCS946355 LCS bis(2-Chloroethyl)ether LCS946427 LCS bis(2-Chloroethyl)ether LCS946438 LCS bis(2-Chloroethyl)ether LCS946438 LCS bis(2-Chloroethyl)ether LCS946511 LCS bis(2-Chloroethyl)ether LCS946511 LCS bis(2-Chloroisopropyl)ether LCS946511 LCS bis(2-Chloroisopropyl)ether LCS946381 LCS bis(2-Chloroisopropyl)ether LCS946438 LCS bis(2-Chloroisopropyl)ether LCS946438 LCS bis(2-Chloroisopropyl)ether LCS946438 LCS bis(2-Chloroisopropyl)ether LCS946458 LCS bis(2-Chloroisopropyl)ether LCS946458 LCS bis(2-Chloroisopropyl)ether LCS946458 LCS bis(2-Chloroisopropyl)ether LCS946458 LCS bis(2-Chloroisopropyl)ether LCS946458 LCS		88.0 90.0 94.0 90.0 89.0 99.0	88.0 89.0 92.0 91.0 86.0 88.0	88.0 89.5 93.0 90.5 91.5 101	0.00	
LCS946511 LCS946511 LCS946174 LCS946355 LCS946381 LCS946427 LCS946438 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946427 LCS946427 LCS946427 LCS946427	LCSD946511 LCSD946511 LCSD946174 LCSD946355 LCSD946381 LCSD946427 LCSD946428 LCSD946458 LCSD946511 LCSD946511	88.0 90.0 94.0 90.0 95.0 99.0	88.0 89.0 92.0 91.0 86.0 88.0	88.0 89.5 93.0 90.5 87.5 91.5	00.00	
LCS946511 LCS946174 LCS946355 LCS946381 LCS946427 LCS946428 LCS946511 LCS946511 LCS946511 LCS946511 LCS946361 LCS94637 LCS946427 LCS946428 LCS946428	LCSD946511 LCSD946174 LCSD946355 LCSD946381 LCSD946427 LCSD946438 LCSD946458 LCSD946511 LCSD946511	90.0 94.0 90.0 89.0 95.0	89.0 92.0 91.0 86.0 88.0 92.0	89.5 93.0 90.5 87.5 91.5 101		0.00
LCS946174 LCS946355 LCS946381 LCS946438 LCS946438 LCS946458 LCS946511 LCS946511 LCS946174 LCS946355 LCS946427 LCS946427 LCS946427 LCS946458	LCSD946174 LCSD946355 LCSD946381 LCSD946427 LCSD946428 LCSD946458 LCSD946511 LCSD946511	94.0 90.0 89.0 95.0 99.0	92.0 91.0 86.0 88.0 103	93.0 90.5 87.5 91.5 101 92.0	0.707	1.12
LCS946355 LCS946381 LCS946427 LCS946438 LCS946458 LCS946511 LCS946511 LCS946511 LCS946381 LCS946427 LCS946427 LCS946458	LCSD946355 LCSD946381 LCSD946427 LCSD946438 LCSD946451 LCSD946511	90.0 89.0 95.0 99.0	91.0 86.0 88.0 103	90.5 87.5 91.5 101 92.0	1.41	2.15
LCS946381 LCS946427 LCS946428 LCS946438 LCS946511 LCS946511 LCS946511 LCS946355 LCS946427 LCS946427 LCS946427	LCSD946381 LCSD946427 LCSD946438 LCSD946458 LCSD946511 LCSD946511	89.0 95.0 99.0	86.0 88.0 103 92.0	87.5 91.5 101 92.0	0.707	1.10
LCS946427 LCS946438 LCS946438 LCS946511 LCS946511 LCS946511 LCS946314 LCS946427 LCS946427 LCS946438 LCS946458 LCS946458	LCSD946427 LCSD946438 LCSD946458 LCSD946511 LCSD946511	95.0 99.0 92.0	88.0 103 92.0	91.5 101 92.0	2.12	3.43
LCS946438 LCS946458 LCS946511 LCS946511 LCS946513 LCS946355 LCS946381 LCS946427 LCS946438 LCS946458	LCSD946438 LCSD946458 LCSD946511 LCSD946511	0.99.0	103 92.0	101 92.0	4.95	7.65
LCS946458 LCS946511 LCS946511 LCS946511 LCS946174 LCS946355 LCS946427 LCS946428 LCS946458 LCS946458	LCSD946458 LCSD946511 LCSD946511	92.0	92.0	92.0	2.83	3.96
LCS946511 LCS946511 LCS946174 LCS946355 LCS946381 LCS946427 LCS946438 LCS946458 LCS946458	LCSD946511 LCSD946511	; ; ;			0.00	0.00
LCS946511 LCS946174 LCS946355 LCS946427 LCS946427 LCS946458 LCS946458 LCS946458	LCSD946511	89.0	84.0	86.5	3.54	5.78
LCS946174 LCS946355 LCS946381 LCS946427 LCS946427 LCS946458 LCS946458 LCS946458		89.0	86.0	87.5	2.12	3.43
LCS946355 L LCS946381 L LCS946427 L LCS946438 L LCS946458 L	LCSD946174	95.0	92.0	92.0	0.00	0.00
LCS946381 LCS946427 LCS946438 LCS946458 LCS946458 LCS946511 LCS946511 L	LCSD946355	76.0	81.0	78.5	3.54	6.37
LCS946427 LCS946438 LCS946458 LCS946511	LCSD946381	80.0	78.0	79.0	1.41	2.53
LCS946438 LCS946458 LCS946511	LCSD946427	85.0	80.0	82.5	3.54	90.9
LCS946458 LCS946511	LCSD946438	95.0	98.0	96.5	2.12	3.11
LCS946511 L	LCSD946458	84.0	84.0	84.0	0.00	0.00
	LCSD946511	84.0	80.0	82.0	2.83	4.88
r LCS946511	LCSD946511	79.0	76.0	77.5	2.12	3.87
LCS946174	LCSD946174	106	108	107	1.41	1.87
LCS946355	LCSD946355	92.0	92.0	92.0	0.00	0.00
LCS946381	LCSD946381	95.0	0.06	92.5	3.54	5.41
LCS946427	LCSD946427	115	104	110	7.78	10.0
LCS946438	LCSD946438	108	106	107	1.41	1.87
LCS946458	LCSD946458	95.0	91.0	93.0	2.83	4.30
LCS946511	LCSD946511	97.0	0.66	98.0	1.41	2.04
	LCSD946511	103	106	105	2.12	2.87
p-Chloroaniline LCS946174 LCS	LCSD946174	109	105	107	2.83	3.74

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control	Method = SW8270 - Semivolatile Organics Iype of Duplicate : Laboratory Control Duplicate , cont.						
p-Chloroaniline	LCS946355	LCSD946355	98:0	105	102	4.95	6.90
p-Chloroaniline	LCS946381	LCSD946381	110	108	109	1.41	1.83
p-Chloroaniline	LCS946427	LCSD946427	101	91.0	96.0	7.07	10.4
p-Chloroaniline	LCS946438	LCSD946438	119	120	120	0.707	0.837
p-Chloroaniline	LCS946458	LCSD946458	105	105	105	0.00	0.00
p-Chloroaniline	LCS946511	LCSD946511	101	101	101	00.00	00.00
p-Chloroaniline	LCS946511	LCSD946511	98.0	102	100	2.83	4.00
Method = SW8270 - Semivolatile Organics Type of Duplicate : Matrix Spike Duplicate	lle Organics Spike Duplicate						
1,2,4-Trichlorobenzene	G94-06-MW-02	G94-06-MW-02	0.66	97.0	98.0	1.41	2.04
1,2,4-Trichlorobenzene	G94-06-MW-03	G94-06-MW-03	93.0	89.0	91.0	2.83	4.40
1,2,4-Trichlorobenzene	G94~13-MW-37	G94-13-MW-37	92.0	88.0	0.06	2.83	4.44
1,2,4-Trichlorobenzene	G94-13-MW-37	G94~13-MW-37	0.06	85.0	87.5	3.54	5.71
1,4-Dichlorobenzene	G94-06-MW-02	G94-06-MW-02	84.0	85.0	84.5	0.707	1.18
1,4-Dichlorobenzene	G94-06-MW-03	G94-06-MW-03	80.0	76.0	78.0	2.83	5.13
1,4-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37	86.0	87.0	86.5	0.707	1.16
1,4-Dichlorobenzene	G94-13-MW-37	G94-13-MW-37	85.0	84.0	84.5	0.707	1.18
2,4-Dinitrotoluene	G94-06-MW-02	G94-06-MW-02	94.0	93.0	93.5	0.707	1.07
2,4-Dinitrotoluene	G94-06-MW-03	G94-06-MW-03	88.0	92.0	90.0	2.83	4.44
2,4-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37	87.0	86.0	86.5	0.702	1.16
2,4-Dinitrotoluene	G94-13-MW-37	G94-13-MW-37	0.06	85.0	87.5	3.54	5.71
2-Chlorophenol	G94-06-MW-02	G94~06-MW-02	87.0	85.0	86.0	1.41	2.33
2-Chlorophenol	G94-06-MW-03	G94-06-MW-03	87.0	87.0	87.0	0.00	0.00
2-Chlorophenol	G94-13-MW-37	G94-13-MW-37	84.0	88.0	86.0	2.83	4.65

Compiled: 22 March 1995
NC = Not Compile () = Data Flag



TABLE A-3.1 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - WATER SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Matrix Spike Duplicate	Organics ke Duplicate , cont.						
2-Chlorophenol	G94-13-MW-37	G94-13-MW-37	87.0	88.0	87.5	0.707	1.14
4-Chloro-3-methylphenol	G94-06-MW-02	G94-06-MW-02	91.0	88.0	89.5	2.12	3.35
4-Chloro-3-methylphenol	G94-06-MW-03	G94-06-MW-03	91.0	0.68	0.06	1.41	2.22
4-Chloro-3-methylphenol	G94-13-MW-37	G94-13-MW-37	85.0	88.0	86.5	2.12	3.47
4-Chloro-3-methylphenol	G94~13-MW-37	G94-13-MW-37	86.0	88.0	87.0	1.41	2.30
4-Nitrophenol	G94-06-MW-02	G94-06-MW-02	95.0	87.0	91.0	5.66	8.79
4-Nitrophenol	G94-06-MW-03	G94-06-MW-03	86.0	87.0	86.5	0.707	1.16
4-Nitrophenol	G94-13-MW-37	G94-13-MW-37	46.0	44.0	45.0	1.41	4.44
4-Nitrophenol	G94-13-MW-37	G94-13-MW-37	48.0	44.0	46.0	2.83	8.70
Acenaphthene	G94-06-MW-02	G94-06-MW-02	86.0	87.0	86.5	0.707	1.16
Acenaphthene	G94-06-MW-03	G94-06-MW-03	91.0	92.0	91.5	0.707	1.09
Acenaphthene	G94-13-MW-37	G94-13-MW-37	0.06	87.0	88.5	2.12	3.39
Acenaphthene	G94-13-MW-37	G94-13-MW-37	91.0	87.0	89.0	2.83	4.49
N-Nitroso-di-n-propylamine	G94~06-MW-02	G94-06-MW-02	93.0	93.0	93.0	0.00	0.00
N-Nitroso-di-n-propylamine	G94-06-MW-03	G94-06-MW-03	104	109	107	3.54	4.69
N-Nitroso-di-n-propylamine	G94-13-MW-37	G94-13-MW-37	101	102	102	0.707	0.985
N-Nitroso-di-n-propylamine	G94-13-MW-37	G94-13-MW-37	102	102	102	00.00	0.00
Pentachlorophenol	G94-06-MW-02	G94-06-MW-02	0.96	92.0	94.0	2.83	4.26
Pentachlorophenol	G94-06-MW-03	G94-06-MW-03	79.0	81.0	80.0	1.41	2.50
Pentachlorophenol	G94-13-MW-37	G94-13-MW-37	85.0	84.0	84.5	0.707	1.18
Pentachlorophenol	G94-13-MW-37	G94-13-MW-37	81.0	80.0	80.5	0.707	1.24
Phenol	G94-06-MW-02	G94-06-MW-02	79.0	76.0	77.5	2.12	3.87
Phenol	G94-06-MW-03	G94-06-MW-03	0.62	79.0	79.0	0.00	0.00
Phenol	G94-13-MW-37	G94-13-MW-37	40.0	38.0	39.0	1.41	5.13
Phenol	G94-13-MW-37	G94-13-MW-37	40.0	38.0	39.0	1.41	5.13
Pyrene	G94-06-MW-02	G94-06-MW-02	80.0	82.0	81.0	1.41	2.47
Pyrene	G94-06-MW-03	G94-06-MW-03	98.0	0.66	98.5	0.707	1.02

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Matrix Spike Duplica	Method = SW8270 - Semivolatile Organics Type of Duplicate : Matrix Spike Duplicate , cont.						
Pyrene Pyrene	G94-13-MW-37 G94-13-MW-37	G94-13-MW-37 G94-13-MW-37	92.0	92.0 94.0	92.0 95.0	0.00	0.00
Method = SW9O4O - pH Electrometric Measurement Type of Duplicate : Field Duplicate	ectrometric Measurement ld Duplicate						
Н	G94-01-MW-01	G94-01-MW-01-FD	6.63	6.63	6.63	00.00	0.00
Hd	G94-05-MW-02	G94-05-MW-02-FD	6.70	6.70	6.70	00.00	0.00
Hd	G94-06-MW-03	G94-06-MW-03-FD	6.80	6.80	6.80	0.00	0.00
펎	G94-09-MW-05	G94-09-MW-05-FD	6.84	6.84	6.84	00.00	0.00
Hď	G94-13-MW-37	G94-13-MW-37-FD	6.59	6.59	6.59	00.00	0.00
Method = SW9050 - Specific Conductance Type of Duplicate : Field Duplicate	fic Conductance ld Duplicate						
Conductivity	G94-01-MW-01	G94-01-MW-01-FD	1170	1170	1170	0.00	0.00
Conductivity	G94-05-MW-02	G94-05-MW-02-FD	750	750	750	0.00	0.00
Conductivity	G94-06-MW-03	G94-06-MW-03-FD	840	840	840	0.00	0.00
Conductivity	G94-09-MW-05	G94-09-MW-05-FD	069	069	, 690	0.00	0.00
Conductivity	G94-13-MW-37	G94-13-MW-37-FD	940	940	940	0.00	00.00

lable () = Data Flag Compiled: 22 March 1995 NC = Not Cai able (

## ATTACHMENT C - APPENDIX B

Table A-3.2

Detailed Listing of Liquid Duplicate Results - 1994 Soil Samples

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Method = AK101 - Gasoline Range Organics         Lab Control Duplicate         100 0000000000000000000000000000000000	Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
s         Lab Control Sample         Lab Control Duplicate         90.0         95.0           Range Organics         ratory Control Duplicate         117         99.0           Lab Control Duplicate         117         99.0           Leab Control Duplicate         117         99.0           ratory Control Duplicate         117         99.0           LCS946637         LCS0946637         88.0         89.0           LCS946639         LCS094664         89.0         89.0           LCS946699         LCS0946699         100         100           LCS946699         LCS0946690         97.0         98.0           LCS946699         LCS0946699         97.0         98.0           LCS946699         LCS0946699         97.0         98.0           LCS946699         LCS0946699         97.0         98.0           LCS946699         LCS0946699         96.0         92.0           LCS946699         LCS0946699         98.0         92.0           LCS946699         LCS0946699         98.0         92.0           LCS946699         LCS0946699         98.0         92.0           LCS946664         93.0         92.0         92.0           LCS946669	Method = AK101 - Gasoline Rang Type of Duplicate : Laboratory	ge Organics / Control Duplicate		,				
Range Organics         Lab Control Duplicate         117         99.0           Lab Control Sample         Lab Control Duplicate         117         99.0           ratory Control Duplicate         LCSD946637         88.0         89.0           LCS946637         LCSD94664         89.0         89.0           LCS946699         LCSD94669         100         100           LCS946664         LCSD946669         80.0         80.0           LCS946664         LCSD946699         100         80.0           LCS946664         LCSD946699         97.0         98.0           LCS946664         LCSD946699         97.0         98.0           LCS946664         LCSD946699         97.0         98.0           LCS946664         LCSD946699         97.0         98.0           LCS946664         LCSD946699         96.0         98.0           LCS9466699         LCSD946699         98.0         92.0	Gasoline Range Organics	Lab Control Sample	Lab Control Duplicate	0.06	95.0	92.5	3.54	5.41
Lab Control Sample       Lab Control Duplicate       117       99.0         ratory Control Duplicate       117       99.0         LCS946637       88.0       89.0       89.0         LCS946644       LCSD946637       88.0       89.0       100         LCS946664       LCSD9466637       82.0       90.0       100         LCS946669       LCSD946667       82.0       90.0       100         LCS946669       LCSD946664       81.0       89.0       87.0         LCS946669       LCSD946664       87.0       87.0       87.0         LCS946669       LCSD946669       96.0       98.0       98.0         LCS946669       LCSD946669       96.0       98.0       92.0         LCS946669       LCSD946669       96.0       98.0       92.0         LCS946669       LCSD946699       98.0       92.0       92.0         LCS946669       LCSD946699       98.0       92.0       92.0         LCS946669       LCSD946699       93.0       93.0       93.0         LCS946669       LCSD946699       93.0       93.0       93.0         LCS946669       LCSD946699       LCSD946699       93.0       93.0	Method = AK102 - Diesel Range   Type of Duplicate : Laboratory	Organics / Control Duplicate						
LCS946637 LCSD946637 88.0 89.0 LCS946637 LCSD946637 88.0 89.0 LCS94664 89.0 LCS94664 89.0 LCS946699 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS99466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS9466909 LCS99466909 LCS9466909 LCS9466909 LCS99466909 LCS99466909 LCS99466909 LCS99466909 LCS9946909 LCS994909 LCS9946909 LCS9940 LCS9946909 LCS9946909 LCS9946909 LCS9946909 LCS9946909 LCS99469	Diesel Range Organics	Lab Control Sample	Lab Control Duplicate	117	0.66	108	12.7	16.7
LCS946637         LCSD946637         R8.0         89.0           LCS946664         LCSD946664         89.0         89.0           LCS946909         LCSD946690         100         100           LCS946637         LCSD94664         81.0         90.0           LCS946664         LCSD946664         81.0         89.0           LCS946637         LCSD946664         87.0         87.0           LCS9466909         LCSD946664         87.0         81.0           LCS9466909         LCSD946664         87.0         81.0           LCS9466909         LCSD946664         92.0         92.0           LCS9466909         LCSD946664         92.0         92.0           LCS9466909         LCSD946664         92.0         92.0           LCS9466909         LCSD946664         92.0         92.0           LCS9466909         LCSD946664         93.0         93.0           LCS9466909         LCSD946669         93.0         93.0           LCS9466909         LCSD946669         93.0         93.0           LCS9466909         LCSD9466909         10.1         93.0	Method = SW6010 - Metals Type of Duplicate : Laboratory	/ Control Duplicate	·					
LCS946664       LCS9946664       LCS9946664       LCS9946690       100       100         LCS946909       LCS0946637       82.0       90.0         LCS946664       LCSD946664       81.0       90.0         LCS9466909       LCSD946690       97.0       98.0         LCS9466909       LCSD946637       88.0       97.0         LCS9466909       LCSD946664       87.0       81.0         LCS9466909       LCSD946664       96.0       98.0         LCS9466909       LCSD946664       92.0       92.0         LCS9466909       LCSD9466909       98.0       92.0         LCS946664       LCSD9466909       98.0       92.0         LCS946664       LCSD9466909       98.0       92.0         LCS946664       LCSD9466909       98.0       92.0         LCS946664       LCSD9466909       93.0       92.0         LCS946664       LCSD9466909       93.0       93.0         LCS946664       LCSD9466909       93.0       93.0         LCS946664       LCSD9466909       93.0       93.0         LCS946664       LCSD9466909       93.0       93.0         LCS946669       LCSD9466909       93.0       93.0 <td>Aluminum</td> <td>LCS946637</td> <td>LCSD946637</td> <td>88.0</td> <td>89.0</td> <td>88.5</td> <td>0.707</td> <td>1.13</td>	Aluminum	LCS946637	LCSD946637	88.0	89.0	88.5	0.707	1.13
LCS946809         LCSD946809         100         100           LCS946637         LCSD946637         82.0         90.0           LCS946664         LCSD946664         81.0         89.0           LCS946909         LCSD946637         88.0         97.0         98.0           LCS946637         LCSD946637         87.0         97.0         98.0           LCS946639         LCSD946637         96.0         98.0         98.0           LCS94664         LCSD94664         92.0         92.0           LCS946699         LCSD94664         92.0         92.0           LCS946637         LCSD946637         92.0         92.0           LCS946699         LCSD946664         92.0         92.0           LCS946699         LCSD946664         92.0         92.0           LCS946699         LCSD946664         93.0         92.0           LCS946699         LCSD946664         93.0         93.0	Aluminum	LCS946664	LCSD946664	89.0	89.0	89.0	00.00	0.00
LCS946637         LCSD946637         B2.0         90.0           LCS94664         LCSD946664         LCSD946664         81.0         89.0           LCS946909         LCSD946637         88.0         87.0         98.0           LCS946664         LCSD946637         87.0         81.0           LCS946909         LCSD946637         96.0         98.0           LCS9466909         LCSD9466909         98.0         92.0           LCS946664         LCSD9466909         98.0         98.0           LCS946669         LCSD9466909         98.0         98.0           LCS946669         LCSD9466909         98.0         92.0           LCS946664         LCSD9466909         98.0         93.0           LCS946669         LCSD9466909         93.0         93.0	Aluminum	LCS946909	LCSD946909	100	100	100	00.00	0.00
LCS946664       LCSD946664       81.0       89.0         LCS946909       LCSD946909       97.0       98.0         LCS946637       LCSD946637       88.0       87.0         LCS946664       LCSD946664       87.0       81.0         LCS946637       LCSD946637       98.0       92.0         LCS94664       LCSD946664       92.0       92.0         LCS946637       LCSD946664       98.0       98.0         LCS946637       LCSD9466637       92.0       92.0         LCS946664       LCSD946664       93.0       93.0         LCS946664       LCSD946664       93.0       93.0	Antimony	LCS946637	LCSD946637	82.0	0.06	86.0	5.66	9.30
LCS946909       LCSD946909       97.0       98.0         LCS946637       LCSD946637       88.0       87.0         LCS946664       LCSD946664       87.0       81.0         LCS946609       LCSD946609       96.0       98.0         LCS946637       LCSD946664       92.0       92.0         LCS946637       LCSD946609       98.0       98.0         LCS946664       LCSD946664       92.0       92.0         LCS946664       LCSD946664       93.0       93.0         LCS946664       LCSD946609       101       101	Antimony	LCS946664	LCSD946664	81.0	89.0	85.0	5.66	9.41
LCS946637 88.0 87.0 LCS94664 LCSD946637 87.0 LCS94664 LCSD94664 87.0 LCS9466909 LCSD9466909 96.0 LCS94664 LCSD946690 92.0 LCS9466909 LCSD9466909 98.0 LCS946664 LCSD9466909 98.0 LCS946664 LCSD946697 92.0 LCS946664 LCSD946690 93.0 LCS946664 LCSD946909 101 101	Antimony	LCS946909	LCSD946909	97.0	98.0	97.5	0.707	1.03
LCS946604       R7.0       81.0         LCS946909       LCSD946909       96.0       98.0         LCS946637       LCSD946637       91.0       92.0       92.0         LCS946664       LCSD946909       96.0       92.0       92.0         LCS9466637       LCSD946909       98.0       98.0       98.0         LCS946664       LCSD946664       93.0       92.0       92.0         LCS946909       LCSD946909       LCSD946909       101       101	Arsenic	LCS94663/	LCSD946637	88.0	87.0	87.5	0.707	1.14
LCS946637 LCSD946637 96.0 98.0 LCSD946637 21.0 92.0 LCSD94664 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0	Arsenic		LCSD946664	87.0	81.0	84.0	4.24	7.14
LCS946664 LCSD946657 91.0 92.0 LCSD946664 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0	Arsenic		LCSD946909	96.0	98.0	97.0	1.41	2.06
LCS946664 92.0 92.0 b.c. CSD946664 92.0 92.0 b.c. CSD946909	barium	LC394663/	LCSD946637	91.0	92.0	91.5	0.707	1.09
LCS946909 LCSD946909 98.0 98.0 LCSD946637 92.0 92.0 LCSD946637 92.0 92.0 LCSD946664 LCSD946664 93.0 93.0 LCSD946909 LCSD946909 LCSD946909 101 101	Barlum 	LCS946664	LCSD946664	95.0	92.0	92.0	00.00	0.00
LCS946637	Barium	LCS946909	LCSD946909	98.0	98.0	98.0	0.00	0.00
LCS946664 LCSD946664 93.0 93.0 LCSD946909 LCS946909 101 101	Beryllium	LCS946637	LCSD946637	92.0	92.0	92.0	00.00	00.00
LCSD946909 LCSD946909 101 101 101	Beryllium	LCS946664	LCSD946664	93.0	93.0	93.0	00.00	0.00
	beryllıum	LCS946909	LCSD946909	101	101	101	0.00	0.00

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Ouplicate Sample ID	Value	Duplicate Value 	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals Type of Duplicate : Labo	Method = SW6010 - Metals Type of Duplicate : Laboratory Control Duplicate , cont.						
Cadmium	LCS946637	LCSD946637	81.0	82.0	81.5	0.707	1.23
Cadmium	LCS946664	LCSD946664	82.0	81.0	81.5	0.707	1.23
Cadmium 6 1 :	LCS946909	LCSD946909	93.0	93.0	93.0	00.00	0.00
Calcium	LCS946637	LCSD946637	91.0	92.0	91.5	0.707	1.09
Calcium 2 1 :	LCS946664	LCSD946664	93.0	93.0	93.0	00.00	0.00
Calclum	LCS946909	LCSD946909	103	103	103	00.00	0.00
chromium 21 .	LCS946637	LCSD946637	0.98	86.0	86.0	0.00	0.00
Chromium Gʻ	LCS946664	LCSD946664	86.0	87.0	86.5	0.707	1.16
Chromium	LCS946909	LCSD946909	0.96	0.96	0.96	0.00	0.00
Cobalt	LCS946637	LCSD946637	84.0	86.0	85.0	1.41	2.35
Cobalt	LCS946664	LCSD946664	85.0	86.0	85.5	0.707	1.17
Cobalt	LCS946909	LCSD946909	95.0	95.0	95.0	0.00	0.00
Copper	LCS946637	LCSD946637	0.06	0.06	0.06	0.00	0.00
Copper	LCS946664	LCSD946664	0.06	0.06	0.06	0.00	0.00
Copper	LCS946909	LCSD946909	97.0	96.0	96.5	0.707	1.04
lron .	LCS946637	LCSD946637	88.0	88.0	88.0	0.00	0.00
Iron	LCS946664	LCSD946664	0.68	89.0	89.0	00.00	0.00
Iron	LCS946909	LCSD946909	98.0	97.0	97.5	0.707	1.03
Lead	LCS946637	LCSD946637	82.0	85.0	83.5	2.12	3.59
Lead	LCS946664	LCSD946664	76.0	77.0	76.5	0.707	1.31
Lead	LCS946909	LCSD946909	94.0	93.0	93.5	0.707	1.07
Magnesium	LCS946637	LCSD946637	89.0	0.06	89.5	0.707	1.12
Magnesium	LCS946664	LCSD946664	0.06	91.0	90.5	0.707	1.10
Magnesium	LCS946909	LCSD946909	0.66	0.66	0.66	0.00	0.00
Manganese	LCS946637	LCSD946637	85.0	85.0	85.0	00.00	0.00
Manganese	LCS946664	LCSD946664	86.0	86.0	86.0	00.00	0.00
Manganese	LCS946909	LCSD946909	0.36	0.96	0.96	0.00	0.00

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Parameter	Samule 1)	Duplicate Sample ID	on[e/v	Duplicate	Mean	Standard	(5)
			מן ה ו מ	value 	varue	Ueviation 	KPU (%)
Method = SW6010 - Metals Type of Duplicate : Laborat	Method = SW6010 - Metals Type of Duplicate : Laboratory Control Duplicate , cont.						
Molvhdenim	1,000,000	7699700371	ć	ć	;		
Mal of the desirent	70001000	LC3U34803/	91.0	91.0	91.0	0.00	0.00
Molybdenum	LCS946664	LCSD946664	92.0	93.0	92.5	0.707	1.08
Molybdenum	LCS946909	LCSD946909	100	100	100	0.00	0.00
Nickel	LCS946637	LCSD946637	86.0	88.0	87.0	1.41	2.30
Nickel	LCS946664	LCSD946664	88.0	86.0	87.0	1.41	2.30
Nickel	LCS946909	LCSD946909	94.0	97.0	95.5	2.12	3.14
Potassium	LCS946637	LCSD946637	91.0	91.0	91.0	0.00	0.00
Potassium	LCS946664	LCSD946664	92.0	91.0	91.5	0.707	1.09
Potassium	LCS946909	LCSD946909	0.96	98.0	97.0	1.41	2.06
Selenium	LCS946637	LCSD946637	87.0	88.0	87.5	0.707	1.14
Selenium	LCS946664	LCSD946664	81.0	85.0	83.0	2.83	4.82
Selenium	LCS946909	LCSD946909	98.0	88.0	93.0	7.07	10.8
Silver	LCS946637	LCSD946637	83.0	82.0	82.5	0.707	1.21
Silver	LCS946664	LCSD946664	83.0	83.0	83.0	0.00	0.00
Silver	LCS946909	LCSD946909	92.0	92.0	92.0	0.00	0.00
Sodium	LCS946637	LCSD946637	0.06	91.0	90.5	0.707	1.10
Sodium	LCS946664	LCSD946664	92.0	92.0	92.0	0.00	0.00
Sodium	LCS946909	LCSD946909	0.66	0.66	0.66	0.00	0.00
Thallium	LCS946637	LCSD946637	88.0	83.0	85.5	3.54	5.85
Thallium	LCS946664	LCSD946664	84.0	86.0	85.0	1.41	2.35
Thallium	LCS946909	LCSD946909	95.0	0.96	94.0	2.83	4.26
Vanadium	LCS946637	LCSD946637	88.0	88.0	88.0	0.00	00.00
Vanadium	LCS946664	LCSD946664	88.0	89.0	88.5	0.707	1.13
Vanadium	LCS946909	LCSD946909	0.76	97.0	97.0	0.00	0.00
Zinc	LCS946637	LCSD946637	82.0	83.0	82.5	0.707	1.21
Zinc	LCS946664	LCSD946664	83.0	83.0	83.0	0.00	0.00
Zinc	LCS946909	LCSD946909	96.0	0.96	96.0	0.00	0.00

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Laboratory Control Duplicate	ine Pesticides and PCBs by Control Duplicate						
4,4'-DDT	LCS946620	LCSD946620	100	103	102	2.12	2.96
4,4'-DDT	LCS946743	LCSD946743	102	102	102	0.00	0.00
Aldrin	LCS946620	LCSD946620	0.66	97.0	98.0	1.41	2.04
Aldrin	LCS946743	LCSD946743	91.0	89.0	90.0	1.41	2.22
Dieldrin	LCS946620	LCSD946620	103	102	103	0.707	0.976
Dieldrin	LCS946743	LCSD946743	97.0	94.0	95.5	2.12	3.14
Endosulfan II	LCS946620	LCSD946620	107	107	107	00.00	0.00
Endosulfan II	LCS946743	LCSD946743	107	105	106	1.41	1.89
Endrin	LCS946620	LCSD946620	0.66	97.0	98.0	1.41	2.04
Endrin	LCS946743	LCSD946743	0.96	0.96	96.0	00.00	0.00
Endrin Aldehyde	LCS946620	LCSD946620	123	125	124	1.41	1.61
Endrin Aldehyde	LCS946743	LCSD946743	125	127	126	1.41	1.59
Heptachlor	LCS946620	LCSD946620	105	102	104	2.12	2.90
Heptachlor	LCS946743	LCSD946743	96.0	93.0	94.5	2.12	3.17
Heptachlor epoxide	LCS946620	LCSD946620	113	110	112	2.12	2.69
Heptachlor epoxide	LCS946743	LCSD946743	0.66	102	101	2.12	2.99
PCB-1016	LCS946621	LCSD946621	84.0	82.0	83.0	1.41	2.41
PCB-1016	LCS946744	LCSD946744	94.0	91.0	92.5	2.12	3.24
PC8-1260	LCS946621	LCSD946621	98.0	100	99.0	1.41	2.02
PCB-1260	LCS946744	LCSD946744	98.0	91.0	94.5	4.95	7.41
alpha-BHC	LCS946620	LCSD946620	95.0	0.96	95.5	0.707	1.05
alpha-BHC	LCS946743	LCSD946743	87.0	85.0	86.0	1.41	2.33
delta-BHC	LCS946620	LCSD946620	75.0	74.0	74.5	0.707	1.34
delta-BHC	LCS946743	LCSD946743	87.0	0.98	86.5	0.707	1.16
gamma-8HC	L.CS946620	LCSD946620	101	103	102	1.41	1.96
gamma-BHC	LCS946743	LCSD946743	0.66	97.0	98.0	1.41	2.04

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Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
					 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 
Method = SW8270 - Semivolatile Organics	le Organics						
Type of Duplicate : Laboratory Control Duplicate	ry Control Duplicate						
1,2,4-Trichlorobenzene	LCS946534	LCSD946534	0.86	92.0	95.0	4.24	6.32
1,2,4-Trichlorobenzene	LCS946628	LCSD946628	0.96	104	100	5.66	8.00
1,2-Dichlorobenzene	LCS946534	LCSD946534	0.76	91.0	94.0	4.24	6.38
1,2-Dichlorobenzene	LCS946628	LCSD946628	94.0	100	97.0	4.24	6.19
1,3-Dichlorobenzene	LCS946534	LCSD946534	94.0	88.0	91.0	4.24	6.59
1,3-Dichlorobenzene	LCS946628	LCSD946628	0.06	97.0	93.5	4.95	7.49
1,4-Dichlorobenzene	LCS946534	LCSD946534	92.0	0.98	89.0	4.24	6.74
1,4-Dichlorobenzene	LCS946628	LCSD946628	87.0	95.0	91.0	5.66	8.79
2,4,5-Trichlorophenol	LCS946534	LCSD946534	104	98.0	101	4:24	5.94
2,4,5-Trichlorophenol	LCS946628	LCSD946628	108	102	105	4.24	5.71
2,4,6-Trichlorophenol	LCS946534	LCSD946534	85.0	83.0	84.0	1.41	2.38
2,4,6-Trichlorophenol	LCS946628	LCSD946628	0.06	85.0	87.5	3.54	5.71
2,4-Dichlorophenol	LCS946534	LCSD946534	97.0	88.0	92.5	6.36	9.73
2,4-Dichlorophenol	LCS946628	LCSD946628	0.66	95.0	97.0	2.83	4.12
2,4-Dimethylphenol	LCS946534	LCSD946534	64.0	0.09	62.0	2.83	6.45
2,4-Dimethylphenol	LCS946628	LCSD946628	72.0	85.0	78.5	9.19	16.6
2,4-Dinitrophenol	LCS946534	LCSD946534	64.0	68.0	0.99	2.83	90.9
2,4-Dinitrophenol	LCS946628	LCSD946628	152	142	147	7.07	6.80
2,4-Dinitrotoluene	LCS946534	LCSD946534	103	99.0	101	2.83	3.96
2,4-Dinitrotoluene	LCS946628	LCSD946628	106	103	105	2.12	2.87

5.17 2.17 2.15 7.57 1.03 3.88

4.24 1.41 1.41 4.95 0.707 2.83

93.0

113 91.0 94.0 89.0 97.0

119 93.0 92.0 96.0

LCSD946534 LCSD946628 LCSD946534 LCSD946628 LCSD946534 LCSD946628

LCS946628

LCS946534 LCS946628

2-Chloronaphthalene 2-Chloronaphthalene

2,6-Dinitrotoluene 2,6-Dinitrotoluene

LCS946534

LCS946534

2-Chlorophenol 2-Chlorophenol

LCS946628 LCS946534

2-Methylnaphthalene

92.5 97.5 103

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.	Organics Control Duplicate , cont.						
2-Methylnaphthalene	LCS946628	LCSD946628	103	109	106	4.24	5.66
2-Methylphenol	LCS946534	LCSD946534	91.0	85.0	88.0	4.24	6.82
2-Methylphenol	LCS946628	LCSD946628	94.0	95.0	94.5	0.707	1.06
2-Nitroaniline	LCS946534	LCSD946534	107	105	106	1.41	1.89
2-Nitroaniline	LCS946628	LCSD946628	106	104	105	1.41	1.90
2-Nitrophenol	LCS946534	LCSD946534	103	97.0	100	4.24	6.00
2-Nitrophenol	LCS946628	LCSD946628	106	102	104	2.83	3.85
3,3'-Dichlorobenzidine	LCS946534	LCSD946534	129	124	127	3.54	3.95
3,3'-Dichlorobenzidine	LCS946628	LCSD946628	150	36.0	93.0	90.8	123
3-Nitroaniline	LCS946534	LCSD946534	110	107	109	2.12	2.76
3-Nitroaniline	LCS946628	LCSD946628	115	107	111	5.66	7.21
4,6-Dinitro-2-methylphenol	LCS946534	LCSD946534	63.0	72.0	67.5	6.36	13.3
4,6-Dinitro-2-methylphenol	LCS946628	LCSD946628	139	129	134	7.07	7.46
4-Bromophenyl phenyl ether	LCS946534	LCSD946534	0.66	0.66	0.66	0.00	00.00
4-Bromophenyl phenyl ether	LCS946628	LCSD946628	106	101	104	3.54	4.83
4-Chloro-3-methylphenol	LCS946534	LCSD946534	0.66	93.0	96.0	4.24	6.25
4-Chloro-3-methylphenol	LCS946628	LCSD946628	98.0	97.0	97.5	0.707	1.03
4-Chlorophenyl phenyl ether	LCS946534	LCSD946534	111	110	111	0.707	0.905
4-Chlorophenyl phenyl ether	LCS946628	LCSD946628	113	112	113	0.707	0.889
4-Methylphenol/3-Methylphenol	LCS946534	LCSD946534	89.0	85.0	87.0	2.83	4.60
4-Methylphenol/3-Methylphenol	LCS946628	LCSD946628	93.0	94.0	93.5	0.707	1.07
4-Nitroaniline	LCS946534	LCSD946534	0.96	98.0	97.0	1.41	2.06
4-Nitroaniline	LCS946628	LCSD946628	104	97.0	101	4.95	6.97
4-Nitrophenol	LCS946534	LCSD946534	110	105	108	3.54	4.65
4-Nitrophenol	LCS946628	LCSD946628	111	106	109	3.54	4.61
Acenaphthene	LCS946534	LCSD946534	101	93.0	97.0	5.66	8.25
Acenaphthene	LCS946628	LCSD946628	102	101	102	0.707	0.985

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TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatil Type of Duplicate : Laborato	Semivolatile Organics : Laboratory Control Duplicate , cont.						
Acenaphthylene	LCS946534	LCSD946534	109	104	107	3.54	4.69
Acenaphthylene	LCS946628	LCSD946628	111	109	110	1.41	1.82
Anthracene	LCS946534	LCS0946534	109	106	108	2.12	2.79
Anthracene	LCS946628	LCSD946628	114	113	114	0.707	0.881
Benzo(a)anthracene	LCS946534	LCSD946534	107	104	106	2.12	2.84
Benzo(a)anthracene	LCS946628	LCSD946628	113	113	113	0.00	00.00
Benzo(a)pyrene	LCS946534	LCSD946534	100	101	101	0.707	0.995
Benzo(a)pyrene	LCS946628	LCSD946628	106	107	107	0.707	0.939
Benzo(b)fluoranthene	LCS946534	LCSD946534	102	0.06	96.0	8.49	12.5
Benzo(b)fluoranthene	LCS946628	LCSD946628	107	0.66	103	5.66	7.77
Benzo(g,h,i)perylene	LCS946534	LCSD946534	108	107	108	0.707	0.930
Benzo(g,h,i)perylene	LCS946628	LCSD946628	126	126	126	0.00	0.00
Benzo(k)fluoranthene	LCS946534	LCSD946534	102	82.0	92.0	14.1	21.7
Benzo(k)fluoranthene	LCS946628	LCSD946628	106	116	111	7.07	9.01
Benzoic acid	LCS946534	LCSD946534	93.0	94.0	93.5	0.707	1.07
Benzoic acid	LCS946628	LCSD946628	94.0	94.0	94.0	0.00	00.00
Benzyl alcohol	LCS946534	LCSD946534	106	103	105	2.12	2.87
Benzyl alcohol	LCS946628	LCSD946628	107	109	108	1.41	1.85
Butylbenzylphthalate	LCS946534	LCSD946534	115	105	110	7.07	9.09
Butylbenzylphthalate	LCS946628	LCSD946628	112	114	113	1.41	1.77
Chrysene	LCS946534	LCSD946534	105	98.0	102	4.95	6.90
Chrysene	LCS946628	LCSD946628	103	103	103	0.00	00.00
Di-n-octylphthalate	LCS946534	LCSD946534	121	117	119	2.83	3.36
Di-n-octylphthalate	LCS946628	LCSD946628	122	127	125	3.54	4.02
Dibenz(a,h)anthracene	LCS946534	LCSD946534	95.0	94.0	94.5	0.707	1.06
Dibenz(a,h)anthracene	LCS946628	LCSD946628	105	105	105	0.00	00.00
Dibenzofuran	LCS946534	LCSD946534	105	0.66	102	4.24	5.88

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.	Organics Control Duplicate , cont.						
Dibenzofuran	LCS946628	LCSD946628	105	104	105	0.707	0.957
Dibutylphthalate	LCS946534	LCSD946534	105	105	105	00.00	0.00
Dibutylphthalate	LCS946628	LCSD946628	111	109	110	1.41	1.82
Diethylphthalate	LCS946534	LCSD946534	109	107	108	1.41	1.85
Diethylphthalate	LCS946628	LCSD946628	112	110	111	1.41	1.80
Dimethylphthalate	LCS946534	LCSD946534	106	103	105	2.12	2.87
Dimethylphthalate	LCS946628	LCSD946628	109	106	108	2.12	2.79
Diphenylamine	LCS946534	LCSD946534	95.0	0.36	95.5	0.707	1.05
Diphenylamine	LCS946628	LCSD946628	102	87.0	94.5	10.6	15.9
Fluoranthene	LCS946534	LCSD946534	98.0	0.66	98.5	0.707	1.02
Fluoranthene	LCS946628	LCSD946628	105	104	105	0.707	0.957
Fluorene	LCS946534	LCSD946534	93.0	92.0	92.5	0.707	1.08
Fluorene	LCS946628	LCSD946628	94.0	91.0	92.5	2.12	3.24
Hexachlorobenzene	LCS946534	LCSD946534	98.0	100	99.0	1.41	2.02
Hexachlorobenzene	LCS946628	LCSD946628	104	105	105	0.707	0.957
Hexachlorobutadiene	LCS946534	LCSD946534	95.0	93.0	94.0	1.41	2.13
Hexachlorobutadiene	LCS946628	LCSD946628	88.0	103	95.5	10.6	15.7
Hexachlorocyclopentadiene	LCS946534	LCSD946534	45.0	49.0	47.0	2.83	8.51
Hexachlorocyclopentadiene	LCS946628	LCSD946628	98.0	119	109	14.8	19.4
Hexachloroethane	LCS946534	LCSD946534	101	95.0	98.0	4.24	6.12
Hexachloroethane	LCS946628	LCSD946628	94.0	108	101	9.90	13.9
Indeno(1,2,3-cd)pyrene	LCS946534	LCSD946534	96.0	95.0	95.5	0.707	1.05
Indeno(1,2,3-cd)pyrene	LCS946628	LCSD946628	107	110	109	2.12	2.76
Isophorone	LCS946534	LCSD946534	110	107	109	2.12	2.76
Isophorone	LCS946628	LCSD946628	110	112	111	1.41	1.80
N-Nitroso-di-n-propylamine	LCS946534	LCSD946534	102	102	102	0.00	00.00
N-Nitroso-di-n-propylamine	LCS946628	LCSD946628	104	110	107	4.24	5.61

lable () = Data Flag Compiled: 22 March 1995 NC = Not Cal lable (

TABLE A-3.2 DETAILED LISTING OF LIQUID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.		Sample 1D	Value 	Value	Value	Deviation 	RPD (%)
	rganics ontrol Duplicate , cont.						
Naphthalene	LCS946534	LCSD946534	98.0	94.0	0.96	2.83	4.17
Naphthalene	LCS946628	LCSD946628	97.0	101	0.66	2.83	4.04
Nitrobenzene	LCS946534	LCSD946534	102	97.0	99.5	3.54	5.03
Nitrobenzene	LCS946628	LCSD946628	100	102	101	1.41	1.98
Pentachlorophenol	LCS946534	LCSD946534	92.0	82.0	87.0	7.07	11.5
Pentachlorophenol	LCS946628	LCSD946628	95.0	85.0	0.06	7.07	11.1
Phenanthrene	LCS946534	LCSD946534	95.0	91.0	93.0	2.83	4.30
Phenanthrene	LCS946628	LCS0946628	98.0	97.0	97.5	0.707	1.03
Phenol	LCS946534	LCSD946534	97.0	91.0	94.0	4.24	6.38
Phenol	LCS946628	LCSD946628	98.0	97.0	97.5	0.707	1.03
Pyrene	LCS946534	LCSD946534	103	0.66	101	2.83	3.96
Pyrene	LCS946628	LCSD946628	106	107	107	0.707	0.939
bis(2-Chloroethoxy)methane	LCS946534	LCSD946534	95.0	93.0	94.0	1.41	2.13
bis(2-Chloroethoxy)methane	LCS946628	LCSD946628	97.0	98.0	97.5	0.707	1.03
bis(2-Chloroethyl)ether	LCS946534	LCSD946534	93.0	0.06	91.5	2.12	3.28
bis(2-Chloroethyl)ether	LCS946628	LCSD946628	94.0	95.0	94.5	0.707	1.06
bis(2-Chloroisopropyl)ether	LCS946534	LCSD946534	90.0	87.0	88.5	2.12	3.39
bis(2-Chloroisopropyl)ether	LCS946628	LCSD946628	0.06	94.0	92.0	2.83	4.35
bis(2-Ethylhexyl)phthalate	LCS946534	LCSD946534	131	100	116	21.9	26.8
bis(2-Ethylhexyl)phthalate	LCS946628	LCSD946628	106	108	107	1.41	1.87
p-Chloroaniline	LCS946534	LCSD946534	105	104	105	0.707	0.957
p-Chloroaniline	LCS946628	LCSD946628	106	0.96	101	7.07	9.90

Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Mean Standard Value Deviation	RPD (%)
Method = SW8280 - Dioxins and Furans Type of Duplicate : Laboratory Contro	Method = SW8280 - Dioxins and Furans Type of Duplicate : Laboratory Control Duplicate						
2,3,7,8-TCDD	LCS946720	LCSD946720	0.66	0.66	0.66	00.00	00.00

Compiled: 22 March 1995 NC = Not Cai lable (

## ATTACHMENT C - APPENDIX B

Table A-3.3

Detailed Listing of Solid Duplicate Results - 1994 Soil Samples

		Duplicate		Duplicate	Mean	Standard	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPO (%)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	1 1 2 2 1 1	1 1 1 1 1 1	1 1 1		1 1 1 1 1 1 1 1
Method = AK101 - Gasoline Range Organics	e Organics						
Type of Duplicate : Matrix Spike Duplicate	ke Duplicate					-	
Gasoline Range Organics	G94-D0-SS-01	694-00-58-01	NR	NR	S	S	SC
Gasoline Range Organics	G94-P0-SS-01	G94-P0-SS-01	89.0	87.0	88.0	1.41	2.27
Method = AK102 - Diesel Range Organics	Organics						
Type of Duplicate : Matrix Spike Duplicate	ke Duplicate						
Diesel Range Organics	694-00-55-01	694-DD-SS-01	121	124	123	2.12	2.45
Diesel Range Organics	G94-P0-SS-01	G94-P0-SS-01	126	103	115	16.3	20.1
Method = SW6010 - Metals							
Type of Duplicate : Laboratory Control Duplicate	Control Duplicate						
Aluminum	218M946638	218MD946638	100	101	101	0.707	0.995
Aluminum	218M946665	218MD946665	88.0	91.0	89.5	2.12	3.35
Antimony	218M946638	218MD946638	91.0	80.0	85.5	7.78	12.9
Antimony	218M946665	218MD946665	145	129	137	11.3	11.7
Arsenic	218M946638	218MD946638	82.0	0.06	86.0	5.66	9.30
Arsenic	218M946665	218MD946665	94.0	94.0	94.0	0.00	00.00
Barium	218M946638	218MD946638	99.0	98.0	98.5	0.707	1.02
Barium	218M946665	218MD946665	97.0	98.0	97.5	0.707	1.03
Beryllium	218M946638	218MD946638	98.0	0.66	98.5	0.707	1.02
Beryllium	218M946665	218MD946665	0.66	0.66	99.0	00.00	0.00
Cadmium	218M946638	218MD946638	94.0	0.96	95.0	1.41	2.11
Cadmium	218M946665	218MD946665	0.96	0.96	0.96	00.00	00.00
Calcium	218M946638	218MD946638	100	101	101	0.707	0.995

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals Type of Duplicate : Laborat	Method = SW6010 - Metals Type of Duplicate : Laboratory Control Duplicate , cont.	·					
Calcium	218M946665	218MD946665	100	100	100	0.00	0.00
Chromium	218M946638	218MD946638	94.0	95.0	94.5	0.707	1.06
Chromium	218M946665	218MD946665	92.0	92.0	92.0	0.00	00.0
Cobalt	218M946638	218MD946638	97.0	97.0	97.0	00.00	00.00
Cobalt	218M946665	218MD946665	98.0	98.0	98.0	00.00	00.0
Copper	218M946638	218MD946638	0.96	95.0	95.5	0.707	1.05
Copper	218M946665	218MD946665	96.0	95.0	95.5	0.707	1.05
Iron	218M946638	218MD946638	104	101	103	2.12	2.93
Iron	218M946665	218MD946665	108	109	109	0.707	0.922
Lead	218M946638	218MD946638	91.0	89.0	0.06	1.41	2.22
Lead	218M946665	218MD946665	88.0	86.0	87.0	1.41	2.30
Magnesium	218M946638	218MD946638	104	104	104	00.00	00.00
Magnesium	218M946665	218MD946665	102	102	102	00.00	00.0
Manganese	218M946638	218MD946638	98.0	98.0	98.0	00.00	00.00
Manganese	218M946665	218MD946665	0.66	0.66	0.66	00.00	0.00
Molybdenum	218M946638	218MD946638	100	100	100	00.00	00.00
Molybdenum	218M946665	218MD946665	103	102	103	0.707	0.976
Nickel	218M946638	218MD946638	0.66	99.0	0.66	00.00	00.00
Nickel	218M946665	218MD946665	100	98.0	0.66	1.41	2.02
Potassium	218M946638	218MD946638	100	102	101	1.41	1.98
Potassium	218M946665	218MD946665	97.0	96.0	96.5	0.707	1.04
Selenium	218M946638	218MD946638	0.06	91.0	90.5	0.707	1.10
Selenium	218M946665	218MD946665	89.0	91.0	0.06	1.41	2.22
Silver	218M946638	218MD946638	88.0	88.0	88.0	00.00	00.00
Silver	218M946665	218MD946665	0.06	90.0	0.06	00.00	00.00
Sodium	218M946638	218MD946638	100	102	101	1.41	1.98
Sodium	218M946665	218MD946665	98.0	98.0	98.0	00.00	0.00

Compiled: 22 March 1995 NC = Not C | Jable (

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
Method = SW6010 - Metals Type of Duplicate : Labo	Method = SW6010 - Metals Type of Duplicate : Laboratory Control Duplicate , cont.	ont.					
Thallium	218M946638	218MD946638	97.0	98.0	97.5	0.707	1.03
Thallium	218M946665	218MD946665	101	94.0	97.5	4.95	7.18
Vanadium	218M946638	218MD946638	98.0	97.0	97.5	0.707	1.03
Vanadium	218M946665	218MD946665	98.0	98.0	98.0	0.00	0.00
Zinc	218M946638	218MD946638	95.0	95.0	95.0	00.00	00.00
Zinc	218M946665	218MD946665	95.0	0.36	95.5	0.707	1.05
Method = SW6010 - Metals Type of Duplicate : Matrix Spike Duplicate	ls trix Spike Duplicate						
Aluminum	G94-P0-SS-01	G94-P0-SS-01	. 112	110	111	1.41	1.80
Antimony	G94-P0-SS-01	G94-P0-SS-01	48.0	56.0	52.0	5.66	15.4
Arsenic	G94-P0-SS-01	G94-P0-SS-01	82.0	84.0	83.0	1.41	2.41
Barium	G94-P0-SS-01	G94-P0-SS-01	109	105	107	2.83	3.74
Beryllium	G94-P0-SS-01	G94-P0-SS-01	0.06	91.0	90.5	0.707	1.10
Cadmium	G94-P0-SS-01	G94-P0-SS-01	79.0	79.0	79.0	0.00	0.00
Calcium	G94-P0-SS-01	G94-P0-SS-01	91.0	95.0	93.0	2.83	4.30
Chromium	G94-P0-SS-01	G94-P0-SS-01	81.0	82.0	81.5	0.707	1.23
Cobalt	G94-P0-SS-01	G94-P0-SS-01	81.0	81.0	81.0	00.00	0.00
Copper	G94-P0-SS-01	G94-P0-SS-01	86.0	87.0	86.5	0.707	1.16
Iron	G94-P0-SS-01	G94-P0-SS-01	61.0	73.0	67.0	8.49	17.9
Lead	G94-P0-SS-01	G94-P0-SS-01	77.0	73.0	75.0	2.83	5.33
Magnesium	G94-P0-SS-01	G94-P0-SS-01	79.0	83.0	81.0	2.83	4.94
Manganese	G94-P0-SS-01	G94-P0-SS-01	77.0	86.0	81.5	6.36	11.0
Molybdenum	G94-P0-SS-01	G94-P0-SS-01	0.98	88.0	87.0	1.41	2.30
Nickel	694-PN-55-01	G94-PN-SS-01	78.0	0 22	77 E	707 0	1 20

Parameter	Sample ID	Duplicate Sample ID	Value	Ouplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW6010 - Metals Type of Dunlicate : Matrix Snike Dunlicate cont	ike Dunlicate cont						
Potassium	G94-P0-SS-01	G94-P0-SS-01	94.0	92.0	93.0	1.41	2.15
Selenium	G94-P0-SS-01	G94-P0-SS-01	80.0	87.0	83.5	4.95	8.38
Silver	G94-P0-SS-01	G94-P0-SS-01	82.0	82.0	82.0	00.00	0.00
Sodium	G94-P0-SS-01	G94-P0-SS-01	93.0	92.0	92.5	0.707	1.08
Thallium	G94-P0-SS-01	G94-P0-SS-01	82.0	72.0	77.0	7.07	13.0
Vanadium	G94-P0-SS-01	G94-P0-SS-01	87.0	86.0	86.5	0.707	1.16
Zinc	G94-P0-SS-01	G94-P0-SS-01	78.0	80.0	79.0	1.41	2.53
Type of Duplicate : Laboratory Control Duplicate	y Control Duplicate						
4,4'-DDT	LCS946618	LCSD946618	81.0	89.0	85.0	5.66	9.41
4,4'-DDT	LCS946618	LCSD946618	82.0	0.06	86.0	5.66	9.30
4,4'-DOT	LCS946785	LCSD946785	0.06	91.0	90.5	0.707	1.10
4,4'-00T	LCS946785	LCSD946785	82.0	81.0	81.5	0.707	1.23
4,4'-DDT	LCS946787	LCSD946787	95.0	0.06	92.5	3.54	5.41
Aldrin	LCS946618	LCSD946618	83.0	86.0	84.5	2.12	3.55
Aldrin	LCS946618	LCSD946618	81.0	88.0	84.5	4.95	8.28
Aldrin	LCS946785	LCSD946785	93.0	91.0	92.0	1.41	2.17
Aldrin	LCS946785	LCSD946785	92.0	91.0	91.5	0.707	1.09
Aldrin	LCS946787	LCSD946787	92.0	0.68	90.5	2.12	3.31
Dieldrin	LCS946618	LCSD946618	. 82.0	91.0	86.5	6.36	10.4
Dieldrin	LCS946618	LCSD946618	81.0	92.0	86.5	7.78	12.7
Dieldrin	LCS946785	LCSD946785	91.0	89.0	0.06	1.41	2.22
Dieldrin	LCS946785	LCSD946785	91.0	0.06	90.5	0.707	1.10
Dieldrin	LCS946787	LCSD946787	91.0	87.0	89.0	2.83	4.49

Compiled: 22 March 1995 NC = Not C jable (

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

	Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Infan III         LCS946618         LCSD946618         77.0         87.0         82.0         7.0           Ifan III         LCS946818         LCSD946818         77.0         88.0         82.5         7.78           Ifan III         LCS946785         LCSD946785         94.0         92.0         93.0         1.41           Iffan III         LCS946786         LCSD946785         92.0         89.0         93.0         1.41           I CS946786         LCSD946786         LCSD946786         79.0         89.0         93.0         0.00           I CS946786         LCSD946785         LCSD946786         74.0         87.0         83.5         6.36           I CS946786         LCSD946785         LCSD946786         74.0         62.0         63.0         7.78           I CS946786         LCSD946785         LCSD946786         CCSD946786         7.0         80.5         13.4           Al dehyde         LCS946786         LCSD946786         CCSD946786         CCSD946786         1.0         1.1           Al dehyde         LCS946786         LCSD946786         CCSD946786         CCSD946786         1.2         1.2           Al dehyde         LCS946786         LCSD946786         CCSD946786	Method = SW8080 - Organoch Type of Duplicate : Labora	Norine Pesticides and PCBs Acory Control Duplicate , cont.				•		
Infan III         LCS9466B         LCS9466B         T/7         80.0         82.0         7.0           Infan II         LCS9467B         LCS9466B         17.0         80.0         82.0         93.0         1.41           Infan II         LCS9467B         LCS9466B         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0         93.0	Fndosulfan II	I CS946618	1.0.50946618	0 22	87.0	0 08	7 07	0 0
H7an III         LCS946785         LCS0946785         94.0         92.0         93.0         1.41           H7an III         LCS946786         LCS0946785         93.0         93.0         93.0         1.41           H7an III         LCS946787         LCS0946787         93.0         93.0         93.0         1.41           LCS946788         LCS946788         LCS0946818         79.0         88.0         83.0         5.06           LCS946786         LCS0946786         LCS0946786         77.0         88.0         83.0         5.06           LCS946786         LCS0946786         LCS0946786         7.0         87.0         87.0         83.0         5.06           Aldehyde         LCS946786         LCS0946786         CS00         71.0         80.5         1.78           Aldehyde         LCS946786         LCS0946786         CS00         8.0         8.0         8.0         8.0           Aldehyde         LCS946786         LCS0946786         CS00         8.0         8.0         8.0         8.0           Aldehyde         LCS946786         LCS0946786         CS00         8.0         8.0         8.0         8.0         8.0           Aldehyde         LCS946818	Endosulfan II	LCS946618	LCSD946618	77.0	9: (5 88:0	82.5	7.78	13.3
11 Till         LCS946786         LCSD946785         93.0         93.0         90.0           11 Till         LCS94618         LCSD946787         92.0         93.0         90.5         2.12           1 LCS94618         LCSD946785         LCSD946786         79.0         89.0         89.0         90.5         2.12           1 LCS94618         LCSD946785         LCSD946785         77.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0         87.0	Endosulfan II	LCS946785	LCSD946785	94.0	92.0	93.0	1.41	2.15
CCS946787   CCS946787   Section   CCS946787   CCS946818   CCS946785   CCS946787   CCS946787   CCS946787   CCS946787   CCS946787   CCS946787   CCS946787   CCS946787   CCS946787   CCS946788   CCS9	Endosulfan II	LCS946785	LCSD946785	93.0	93.0	93.0	0.00	0.00
1. LCS946618         79.0         88.0         83.5         6.36           1. LCS946618         LCS946618         179.0         87.0         83.0         5.66           1. LCS946785         LCS9946785         74.0         64.0         69.5         7.78           1. LCS946787         LCS9946787         4.0         62.0         68.0         8.3         7.78           1. LCS946787         LCS9946787         LCS9946787         4.0         62.0         68.0         8.0         7.78           1. LCS946787         LCS9946787         LCS994618         < 0.638	Endosulfan II	LCS946787	LCSD946787	92.0	89.0	90.5	2.12	3.31
CLSS946618   CLSS946618   79.0 87.0 87.0 87.0 87.0     CLSS946785   CLSS946785   75.0 64.0 69.5 7.78     CLSS946785   CLSS946785   74.0 64.0 68.0 87.0 84.0     CLSS946787   CLSS946787   74.0 62.0 68.0 84.9     CLSS946787   CLSS946788   7.0 6.38 (J) 2.10	Endrin	LCS946618	LCSD946618	79.0	88.0	83.5	6.36	10.8
LCS946785         LCSD946785         LCSD946785         T5.0         64.0         69.5         7.78           ICS946785         LCSD946785         LCSD946785         74.0         62.0         68.0         8.49           ICS946786         LCSD94618         < 0.638	Endrin	LCS946618	LCSD946618	79.0	87.0	83.0	5.66	9.64
1 (25946785)         L(20946785)         14,0         62.0         68.0         8.49           1 (25946787)         L(20946818         2,0         71.0         62.0         68.0         8.49           1 (25946787)         L(25946618         L(25946618         (2,038         17.0         NC         NC           1 Aldehyde         L(25946785)         L(25046618         (2,038         3)         2.10         NC         NC           Aldehyde         L(25946785)         L(25046785)         L(25046785)         L(25046785)         15.1         12.7           Aldehyde         L(25946786)         L(25046786)         L(25046618)         2.0         87.0         87.0         NC         NC           Aldehyde         L(25946787)         L(25046618)         L(25046618)         13.1         12.7         12.7           Aldehyde         L(25946786)         L(25046786)         R(20         87.0         87.0         87.0         12.1           Aldehyde         L(25946786)         L(25046786)         L(25046786)         R(20         87.0         87.0         12.1           Aldehyde         L(25946786)         L(25046786)         L(25046786)         R(20         82.0         95.0         95.0	Endrin	LCS946785	LCSD946785	75.0	64.0	69.5	7.78	15.8
1 (153946787)         LCSD946787         LCSD946787         LCSD946787         LCSD94678         1.0         80.5         13.4           Aldehyde         LCS946618         LCSD946618         C.0538         2.70         NC         NC           Aldehyde         LCS946785         LCSD946785         C.0638         (1)         2.10         NC         NC           Aldehyde         LCS946785         LCSD946787         C.038         (1)         2.10         NC         NC           Aldehyde         LCS946786         LCSD94618         CSD94618         NC         NC         NC           Aldehyde         LCS94618         LCSD94618         R         79.0         87.0         87.0         NC           Allor         LCS946785         LCSD946785         95.0         95.0         96.0         1.41           Allor         LCS946785         LCSD946785         96.0         95.0         96.0         97.0           Allor         LCS946785         LCSD946786         LCSD946786         96.0         97.0         96.0         97.0           Allor         LCS946786         LCSD946787         LCSD946788         LCSD946788         97.0         96.0         97.0         96.0         97.0<	Endrin	LCS946785	LCSD946785	74.0	62.0	68.0	8.49	17.6
Aldehyde         LCS946618         LCS946618         c 0.638         2.70         NC         NC           Aldehyde         LCS946618         c 0.638         2.10         NC         NC         NC           Aldehyde         LCS946618         c 0.638         2.10         2.10         NC         NC           Aldehyde         LCS946785         LCS0946787         c 0.638         (J)         5.70         NC         NC           Aldehyde         LCS946618         LCS0946618         7.0         87.0         87.0         NC         NC           Allor         LCS946618         LCS0946618         81.0         87.0         87.0         NC         NC           Allor         LCS946785         LCS0946785         97.0         95.0         95.0         96.0         1.41           Allor         LCS946785         LCS0946785         96.0         95.0         95.0         97.0         1.41           Allor         LCS946785         LCS0946785         96.0         92.0         97.0         96.0         97.0         96.0         97.0         96.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0         97.0	Endrin	LCS946787	LCSD946787	90.0	71.0	80.5	13.4	23.6
1 Aldehyde         LCSD946618         c 0.638 (J)         2.10         NC         NC           1 Aldehyde         LCSD46785         LCSD946785         6.20         25.0         15.6         13.3           1 Aldehyde         LCSD46785         LCSD946785         6.10         24.0         15.1         12.7           1 Aldehyde         LCSD46787         c 0.638 (J)         5.70         NC         NC           1 Aldehyde         LCSD46787         c 0.638 (J)         5.70         NC         NC           1 Aldehyde         LCSD46787         c 0.638 (J)         5.70         NC         NC           1 Aldehyde         LCSD46618         1.50         87.0         87.0         87.0         87.0           1 Allor         LCSD46785         LCSD946785         95.0         95.0         95.0         95.0         95.0           1 Allor         ECSD46787         LCSD946785         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         95.0         97.0         1.4	Endrin Aldehyde	LCS946618	LCSD946618	< 0.638	2.70	NC	NC	NC
1 Aldehyde         LCS946785         LCS946785         CCS0946785         CCS0946785         CCS0946785         CCS0946785         CCS0946785         CCS0946785         CCS0946785         CCS0946787         CCS0946788         CCS094678	Endrin Aldehyde	LCS946618	LCSD946618	< 0.638 (J)	2.10	NC	NC	NC
1 Aldehyde         LCS946785         LCSD946785         6.10         24.0         15.1         12.7           1 Aldehyde         LCS946787         LCSD946787         < 0.638 (J)	Endrin Aldehyde	LCS946785	LCSD946785	6.20	25.0	15.6	13.3	121
1 Aldehyde         LCSD946787         c         0.638         (J)         5.70         NC         NC           Allor         LCSD46618         LCSD946618         29.0         87.0         83.0         5.66           Allor         LCSD46618         LCSD946618         81.0         88.0         84.5         4.95           Allor         LCSD46785         LCSD946785         95.0         95.0         95.0         1.41           Allor         LCS946785         LCSD946787         96.0         95.0         97.0         97.0           Allor         LCS946787         LCSD946787         96.0         92.0         101         96.5         6.36           Allor         ECSD46618         LCSD946787         LCSD946787         92.0         101         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96	Endrin Aldehyde	LCS946785	LCSD946785	6.10	24.0	15.1	12.7	119
thor         LCS946618         LCSD946618         T9.0         87.0         63.0         5.66           thlor         LCS946618         LCSD946618         81.0         88.0         84.5         4.95           thlor         LCS946785         LCSD946785         97.0         95.0         95.0         96.0         1.41           thlor         LCS946785         LCSD946787         96.0         95.0         96.0         1.41           thlor         LCS946786         LCSD946787         96.0         92.0         101         96.5         6.36           thlor         epoxide         LCS946785         LCSD94618         92.0         101         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0         96.0	Endrin Aldehyde	LCS946787	LCSD946787		5.70	SC	NC	NC
thlor         LCS946618         LCS0946518         B1.0         88.0         84.5         4.95           thlor         LCS946785         LCS0946785         97.0         95.0         95.0         96.0         1.41           thlor         LCS946787         LCS0946785         96.0         95.0         94.0         2.83           thlor         LCS946787         LCS0946618         92.0         101         96.5         6.36           thlor epoxide         LCS946785         LCS0946618         92.0         100         96.0         96.0           thlor epoxide         LCS946785         LCS0946785         98.0         96.0         97.0         1.41           thlor epoxide         LCS946787         LCS0946785         99.0         96.0         97.0         1.41           thlor epoxide         LCS946787         LCS0946787         99.0         96.0         97.0         1.41           thlor epoxide         LCS946787         LCS0946787         99.0         96.0         97.0         1.41           thlor epoxide         LCS946618         LCS0946618         90.0         93.0         91.0         94.0         1.41	Heptachlor	LCS946618	LCSD946618	79.0	87.0	83.0	5.66	9.64
thlor         LCS946785         LCSD946785         97.0         95.0         96.0         1.41           thlor         LCS946785         LCSD946785         LCSD946785         96.0         95.0         95.0         96.0         97.0           thlor         LCS94618         LCSD946787         96.0         92.0         101         96.5         6.36           thlor epoxide         LCS94618         LCSD94618         92.0         100         96.0         5.66           thlor epoxide         LCS946785         LCSD946785         98.0         96.0         96.0         97.0           thlor epoxide         LCS946787         LCSD946787         99.0         96.0         97.0         1.41           thlor epoxide         LCS946787         LCSD946787         99.0         96.0         97.0         1.41           thlor epoxide         LCS94618         LCSD94618         90.0         93.0         91.5         2.12           thlor epoxide         LCS946618         LCSD946618         90.0         93.0         94.0         1.41	Heptachlor	LCS946618	LCSD946618	81.0	88.0	84.5	4.95	8.28
thlor         LCS946785         LCSD946785         96.0         95.0         95.0         96.5         0.707           thlor         LCS946787         LCSD946787         96.0         92.0         94.0         2.83           thlor epoxide         LCS946618         LCSD946618         QS.0         101         96.5         6.36           thlor epoxide         LCS946785         LCSD946785         98.0         95.0         96.0         97.0         1.41           thlor epoxide         LCS946785         LCSD946785         98.0         96.0         97.0         1.41           thlor epoxide         LCS946787         LCSD946787         99.0         98.0         97.0         1.41           thlor epoxide         LCS946618         LCSD946618         90.0         93.0         91.5         2.12           thlor epoxide         LCS946618         LCSD946618         93.0         95.0         94.0         1.41	Heptachlor	LCS946785	LCSD946785	0.76	95.0	96.0	1.41	2.08
thlor         LCS946787         LCSD946787         96.0         92.0         94.0         2.83           thlor epoxide         LCS946618         LCSD946618         LCSD946618         92.0         101         96.5         6.36           thlor epoxide         LCS946785         LCSD946785         97.0         95.0         96.0         1.41           thlor epoxide         LCS946785         LCSD946785         98.0         96.0         97.0         1.41           thlor epoxide         LCS946785         LCSD946787         99.0         98.0         97.0         1.41           thlor epoxide         LCS946787         LCSD946618         90.0         98.0         97.0         1.41           LCS946618         LCSD946618         90.0         93.0         91.5         2.12           LCS946618         LCSD946618         93.0         95.0         94.0         1.41	Heptachlor	LCS946785	LCSD946785	0.96	95.0	95.5	0.707	1.05
thlor epoxide         LCS946618         LCSD946618         92.0         101         96.5         6.36           fhlor epoxide         LCS94618         LCSD94618         92.0         100         96.0         5.66           fhlor epoxide         LCS946785         LCSD946785         97.0         95.0         96.0         1.41           fhlor epoxide         LCS946787         LCSD946787         99.0         98.0         96.0         97.0         1.41           LCS946618         LCSD946618         LCSD946618         93.0         93.0         91.5         2.12           LCS946618         LCSD946618         93.0         95.0         94.0         1.41	Heptachlor	LCS946787	LCSD946787	0.96	92.0	94.0	2.83	4.26
thlor epoxide         LCS946618         LCSD946618         92.0         100         96.0         5.66           fhlor epoxide         LCS946785         LCSD946785         97.0         95.0         96.0         1.41           thlor epoxide         LCS946787         LCSD946787         99.0         98.0         97.0         1.41           thlor epoxide         LCS946618         LCSD946618         99.0         93.0         91.5         2.12           LCS946618         LCSD946618         LCSD946618         93.0         95.0         94.0         1.41	Heptachlor epoxide	LCS946618	LCSD946618	92.0	101	96.5	6.36	9.33
chlor epoxide         LCS946785         LCSD946785         97.0         95.0         96.0         1.41           ihlor epoxide         LCS946787         LCSD946787         98.0         96.0         97.0         1.41           ihlor epoxide         LCS946787         LCSD946787         99.0         98.0         98.5         0.707           LCS946618         LCSD946618         QS.0         93.0         91.5         2.12           LCS946618         LCSD946618         93.0         95.0         94.0         1.41	Heptachlor epoxide	LCS946618	LCSD946618	92.0	100	96.0	5.66	8.33
chlor epoxide         LCS946785         LCSD946785         98.0         96.0         97.0         1.41           inlor epoxide         LCS946787         LCSD946787         99.0         98.0         98.5         0.707           LCS946618         LCSD946618         90.0         93.0         91.5         2.12           LCS946618         LCSD946618         93.0         95.0         94.0         1.41	Heptachlor epoxide	LCS946785	LCSD946785	0.76	95.0	96.0	1.41	2.08
classified         LCS946787         LCSD946787         99.0         98.0         98.5         0.707           LCS946618         LCSD946618         90.0         93.0         91.5         2.12           LCS946618         LCSD946618         93.0         95.0         94.0         1.41	Heptachlor epoxide	LCS946785	LCSD946785	98.0	0.96	97.0	1.41	2.06
LCS946618 LCSD946618 90.0 93.0 91.5 2.12 LCS946618 93.0 95.0 94.0 1.41	Heptachlor epoxide	LCS946787	LCSD946787	0.66	98.0	98.5	0.707	1.02
LCS946618 LCSD946618 93.0 95.0 94.0 1.41	Mirex	LCS946618	LCSD946618	0.06	93.0	91.5	2.12	3.28
	Mirex	LCS946618	LCSD946618	93.0	95.0	94.0	1.41	2.13

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

Parameter	Sample ID	Duplicate Sample ID	Value	Ouplicate Value	Mean Value	Standard Deviation	RPD (%)
I		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1 1	
Method = SW8080 - Organoc	Method = SW8080 - Organochlorine Pesticides and PCBs						
Type of Duplicate : Labora	Type of Duplicate : Laboratory Control Duplicate , cont.						
Mirex	LCS946785	LCSD946785	0.06	88.0	89.0	1.41	2.25
Mirex	LCS946785	LCSD946785	92.0	90.0	91.0	1.41	2.20
Mirex	LCS946787	LCSD946787	91.0	87.0	89.0	2.83	4.49
PCB-1016	LCS946619	LCSD946619	129	82.0	106	33.2	44.5
PCB-1016	LCS946619	LCSD946619	122	82.0	102	28.3	39.2
PCB-1016	LCS946786	LCSD946786	87.0	90.0	88.5	2.12	3,39
PCB-1016	LCS946786	LCSD946786	88.0	90.0	89.0	1.41	2.25
PCB-1016	LCS946788	LCSD946788	91.0	90.0	90.5	0.707	1.10
PCB-1260	LCS946619	LCSD946619	85.0	86.0	85.5	0.707	1.17
PCB-1260	LCS946619	LCSD946619	86.0	86.0	86.0	0.00	00.00
PCB-1260	LCS946786	LCSD946786	84.0	86.0	85.0	1.41	2.35
PCB-1260	LCS946786	LCSD946786	83.0	85.0	84.0	1.41	2.38
PCB-1260	LCS946788	LCSD946788	88.0	85.0	86.5	2.12	3.47
alpha-BHC	LCS946618	LCSD946618	81.0	88.0	84.5	4.95	8.28
alpha-BHC	LCS946618	LCSD946618	79.0	88.0	83.5	6.36	10.8
alpha-BHC	LCS946785	LCSD946785	88.0	87.0	87.5	0.707	1.14
alpha-BHC	LCS946785	LCSD946785	88.0	87.0	87.5	0.707	1.14
alpha-BHC	LCS946787	LCSD946787	87.0	85.0	86.0	1.41	2.33
alpha-Chlordane	LCS946618	LCSD946618	82.0	91.0	86.5	6.36	10.4
alpha-Chlordane	LCS946618	LCSD946618	82.0	92.0	87.0	7.07	11.5
alpha-Chlordane	LCS946785	LCSD946785	98.0	96.0	97.0	1.41	2.06
alpha-Chlordane	LCS946785	LCSD946785	98.0	96.0	97.0	1.41	2.06
alpha-Chlordane	LCS946787	LCSD946787	98.0	94.0	96.0	2.83	4.17
delta-BHC	LCS946618	LCSD946618	77.0	77.0	77.0	0.00	00.00
delta-BHC	LCS946618	LCSD946618	75.0	76.0	75.5	0.707	1.32
delta-BHC	LCS946785	LCSD946785	83.0	81.0	82.0	1.41	2.44
delta-BHC	LCS946785	LCSD946785	84.0	83.0	83.5	0.707	1.20

() = Data Flag Compiled: 22 March 1995 NC = Not C Jable (

A-3.3-6

Parameter	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8080 - Organoch Type of Duplicate : Labora	Method = SW8080 - Organochlorine Pesticides and PCBs Type of Duplicate : Laboratory Control Duplicate , cont.	ن					
delta-BHC	LCS946787	LCSD946787	82.0	79.0	80.5	2.12	3.73
gamma-BHC	LCS946618	LCSD946618	86.0	105	95.5	13.4	19.9
gamma-BHC	LCS946618	LCSD946618	85.0	104	94.5	13.4	20.1
gamma-BHC	LCS946785	LCSD946785	0.66	98.0	98.5	0.707	1.02
gamma~BHC	LCS946785	LCSD946785	100	98.0	99.0	1.41	2.02
gamma-BHC	LCS946787	LCSD946787	0.66	95.0	97.0	2.83	4.12
gamma-Chlordane	LCS946618	LCSD946618	77.0	85.0	81.0	5.66	9.88
gamma-Chlordane	LCS946618	LCSD946618	76.0	86.0	81.0	7.07	12.3
gamma-Chlordane	LCS946785	LCSD946785	91.0	0.06	90.5	0.707	1.10
gamma-Chlordane	LCS946785	LCSD946785	92.0	90.0	91.0	1.41	2.20
gamma-Chlordane	LCS946787	LCSD946787	91.0	88.0	89.5	2.12	3.35
Method = SW8080 - Organoc	Method = SW8080 - Organochlorine Pesticides and PCBs						
Type of Duplicate : Matrix Spike Duplicate	x Spike Duplicate						
4,4'-DDT	694-00-55-01	G94-DD-SS-01	592	267	266	1.41	0.752
4,4'-DDT	G94-MB-SS-01	G94-MB-SS-01	63.0	73.0	68.0	7.07	14.7
4,4'-DDT	G94-MB-SS-01	G94-MB-SS-01	64.0	73.0	68.5	6.36	13.1
4,4'-DDT	G94-MB-SS-21	G94-MB-SS-21	0.00	00.00	-108	72.8	95.8
4,4'-DDT	G94-P0-SS-01	G94-P0-SS-01	196	165	181	21.9	17.2
Aldrin	G94-DD-SS-01	G94-DD-SS-01	84.0	83.0	83.5	0.707	1.20
Aldrin	G94-MB-SS-01	G94-MB-SS-01	84.0	0.89	76.0	11.3	21.1
Aldrin	G94~MB-SS-01	G94-MB-SS-01	113	94.0	104	13.4	18.4
Aldrin	G94-MB-SS-21	G94-MB-SS-21	78.0	70.0	74.0	5.66	10.8
Aldrin	G94-P0-SS-01	G94-P0-SS-01	0.66	. 0.76	98.0	1.41	2.04
Dieldrin	G94-DD-SS-01	G94-DD-SS-01	320	221	271	70.0	36.6

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SWBOBO - Organochlorine Pesticides and PCBs Type of Duplicate : Matrix Spike Duplicate , cont.	rine Pesticides and PCBs bike Duplicate , cont.						
Dieldrin	G94-MB-SS-01	G94-MB-SS-01	73.0	72.0	72.5	0.707	1.38
Dieldrin	G94-MB-SS-01	G94-MB-SS-01	70.0	73.0	71.5	2.12	4.20
Dieldrin	G94-MB-SS-21	G94-MB-SS-21	62.0	67.0	64.5	3.54	7.75
Dieldrin	G94-P0-SS-01	G94-P0-SS-01	92.0	92.0	92.0	00.00	0.00
Endrin	G94-DD-SS-01	G94-DD-SS-01	119	118	119	0.707	0.844
Endrin	G94-MB-SS-01	G94-MB-SS-01	74.0	76.0	75.0	1.41	2.67
Endrin	G94-MB-SS-01	G94-MB-SS-01	78.0	77.0	77.5	0.707	1.29
Endrin	G94-MB-SS-21	G94-MB-SS-21	89.0	78.0	83.5	7.78	13.2
Endrin	G94-P0-SS-01	G94-P0-SS-01	0.66	98.0	98.5	0.707	1.02
Heptachlor	G94-DD-SS-01	G94-DD-SS-01	< 12.0 (J)	56.0	NC	NC	NC
Heptachlor	G94-MB-SS-01	G94-MB-SS-01	71.0	76.0	73.5	3.54	6.80
Heptachlor	G94-MB-SS-01	G94-MB-SS-01	0.99	67.0	66.5	0.707	1.50
Heptachlor	G94-MB-SS-21	G94-MB-SS-21	< 12.7 (J)	< 12.8 (J)	NC	NC	NC
Heptachlor	G94-P0-SS-01	G94-P0-SS-01	97.0	96.0	96.5	0.707	1.04
gamma-BHC	G94-DD-SS-01	G94-DD-SS-01	131	131	131	0.00	0.00
gamma-BHC	G94-MB-SS-01	G94-MB-SS-01	83.0	88.0	85.5	3.54	5.85
gamma-BHC	G94-MB-SS-01	G94-MB-SS-01	100	101	101	0.707	0.995
gamma-BHC	G94-MB-SS-21	G94-MB-SS-21	132	122	127	7.07	7.87
gamma-BHC	G94-P0-SS-01	G94-P0-SS-01	98.0	97.0	97.5	0.707	1.03
Method = SW8240 - Volatile Organics	qanics						
Type of Duplicate : Laboratory Control Duplicate	y Control Duplicate						
1,1,1-Trichloroethane	LCS946493	LCSD946494	103	117	110	9.90	12.7
1,1,2,2-Tetrachloroethane	LCS946493	LCSD946494	104	107	106	2.12	2.84
1,1,2-Trichloroethane	LCS946493	LCSD946494	89.0	0.96	92.5	4.95	7.57

Compiled: 22 March 1995 NC = Not Calable () = Data Flag

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8240 - Volatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.	anics Control Duplicate , cont.						
1,1-Dichloroethane	LCS946493	LCSD946494	92.0	106	0.66	06.6	14.1
1,1-Dichloroethene	LCS946493	LCSD946494	0.96	110	103	06.6	13.6
1,2-Dichloroethane	LCS946493	LCSD946494	97.0	111	104	06.6	13.5
1,2-Dichloropropane	LCS946493	LCSD946494	94.0	103	98.5	6.36	9.14
2-Chloroethyl vinyl ether	LCS946493	LCSD946494	200	219	210	13.4	9.07
2-Hexanone	LCS946493	LCSD946494	94.0	91.0	92.5	2.12	3.24
4-Methyl-2-Pentanone(MIBK)	LCS946493	LCSD946494	0.66	102	101	2.12	2.99
Acetone	LCS946493	LCSD946494	123	128	126	3.54	3.98
Benzene	L'ES946493	LCSD946494	104	110	107	4.24	5.61
Bromodichloromethane	LCS946493	LCSD946494	97.0	102	99.5	3.54	5.03
Bromomethane	LCS946493	LCSD946494	79.0	88.0	83.5	6.36	10.8
Carbon disulfide	LCS946493	LCSD946494	94.0	107	101	9.19	12.9
Carbon tetrachloride	LCS946493	LCSD946494	105	107	106	1.41	1.89
Chlorobenzene	LCS946493	LCSD946494	91.0	92.0	91.5	0.707	1.09
Chloroethane	LCS946493	LCSD946494	87.0	96.0	91.5	6.36	9.84
Chloroform	LCS946493	LCSD946494	0.66	104	102	3.54	4.93
Chloromethane	LCS946493	LCSD946494	79.0	89.0	84.0	7.07	11.9
Dibromochloromethane	LCS946493	LCSD946494	83.0	86.0	84.5	2.12	3.55
Ethyl benzene	LCS946493	LCSD946494	86.0	93.0	89.5	4.95	7.82
Methyl ethyl ketone	LCS946493	LCSD946494	88.0	91.0	89.5	2.12	3.35
Methylene Chloride	LCS946493	LCSD946494	0.66	107	103	5.66	7.77
Styrene	LCS946493	LCSD946494	86.0	91.0	88.5	3.54	5.65
Tetrachloroethene	LCS946493	LCSD946494	89.0	0,06	89.5	0.707	1.12
Toluene	LCS946493	LCSD946494	96.0	102	0.66	4.24	90.9
Tribromomethane(Bromoform)	LCS946493	LCSD946494	75.0	77.0	76.0	1.41	2.63
Trichloroethene	LCS946493	LCSD946494	82.0	88.0	85.0	4.24	7.06
Vinyl Chloride	LCS946493	LCSD946494	76.0	84.0	80.0	5.66	10.0

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

		Dunlicate		Our 1 i co + c	Z CZ	To a Charto	
Parameter	Sample ID	Sample ID	Value	Value	Value	Deviation	RPD (%)
		; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!
<pre>Method = SW8240 - Volatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.</pre>	ganics y Control Duplicate , cont.						
Vinyl acetate	LCS946493	LCSD946494	116	127	122	7.78	9.05
Xylene (total)	LCS946493	LCSD946494	89.0	95.0	92.0	4.24	6.52
cis-1,3-Dichloropropene	LCS946493	LCSD946494	93.0	0.66	96.0	4.24	6.25
trans-1,2-Dichloroethene	LCS946493	LCSD946494	94.0	106	100	8.49	12.0
trans-1,3-Dichloropropene	LCS946493	LCSD946494	89.0	98.0	93.5	6.36	9.63
Method = SW8Z4U - Volatile Urganics Tyne of Nunlicate : Matriy Snike Nunlicate	ganics ika Nunlicata						
do <	יאפ טמטיין כמופ						
1,1-Dichloroethene	G94-P0-SS-01	G94-P0-SS-01	95.0	79.0	87.0	11.3	18.4
Benzene	G94-P0-SS-01	G94-P0-SS-01	111	0.66	105	8.49	11.4
Chlorobenzene	G94-P0-SS-01	G94-P0-SS-01	96.0	92.0	94.0	2.83	4.26
Toluene	G94-P0-SS-01	G94-P0-SS-01	0.66	88.0	93.5	7.78	11.8
Trichloroethene	G94-P0-SS-01	G94-P0-SS-01	81.0	75.0	78.0	4.24	7.69
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate	e Organics V Control Dublicate						
1,2,4-Trichlorobenzene	LCS946649	LCSD946649	105	103	104	1.41	1.92
1,2-Dichlorobenzene	LCS946649	LCSD946649	106	100	103	4.24	5.83
1,3-Dichlorobenzene	LCS946649	LCSD946649	105	101	103	2.83	3.88
1,4-Dichlorobenzene	LCS946649	LCSD946649	0.66	0.66	0.66	0.00	0.00
2,4,5-Trichlorophenol	LCS946649	LCSD946649	106	101	104	3.54	4.83
2,4,6-Trichlorophenol	LCS946649	LCSD946649	87.0	84.0	85.5	2.12	3.51
2,4-Dichlorophenol	LCS946649	LCSD946649	0.66	100	99.5	0.707	1.01

Compiled: 22 March 1995 NC = Not C | Jable (

TABLE A-3.3 DETAILED LISTING OF SOLID DUPLICATE RESULTS - SOIL SAMPLES, Galena Airport 1994

Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
<pre>Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate ,</pre>	Organics Control Duplicate , cc	cont.					,
2,4-Dimethylphenol	LCS946649	LCSD946649	68.0	65.0	66.5	2.12	4.51
2,4-Dinitrophenol	LCS946649	LCSD946649	130	128	129	1.41	1.55
2,4-Dinitrotoluene	LCS946649	LCSD946649	101	0.66	100	1.41	2.00
2,6-Dinitrotoluene	LCS946649	LCSD946649	116	111	114	3.54	4.41
2-Chloronaphthalene	LCS946649		94.0	89.0	91.5	3.54	5.46
2-Chlorophenol	LCS946649	LCSD946649	102	100	101	1.41	1.98
2-Methylnaphthalene	LCS946649	LCSD946649	108	107	108	0.707	0.930
2-Methylphenol	LCS946649	LCSD946649	0.96	93.0	94.5	2.12	3.17
2-Nitroaniline	LCS946649	LCSD946649	104	100	102	2.83	3.92
2-Nitrophenol	LCS946649	LCSD946649	109	106	108	2.12	2.79
3,3'-Dichlorobenzidine	LCS946649	LCSD946649	147	139	143	5.66	5.59
3-Nitroaniline	LCS946649	LCSD946649	110	105	108	3.54	4.65
4,6-Dinitro-2-methylphenol	LCS946649	LCSD946649	130	123	127	4.95	5.53
4-Bromophenyl phenyl ether	LCS946649	LCSD946649	106	108	107	1.41	1.87
4-Chloro-3-methylphenol	LCS946649	LCSD946649	0.66	0.66	99.0	0.00	00.00
4-Chlorophenyl phenyl ether	LCS946649	LCSD946649	114	108	111	4.24	5.41
4-Methylphenol/3-Methylphenol	LCS946649	LCSD946649	95.0	94.0	94.5	0.707	1.06
4-Nitroaniline	LCS946649	LCSD946649	0.96	92.0	94.0	2.83	4.26
4-Nitrophenol	LCS946649	LCSD946649	104	103	104	0.707	0.966
Acenaphthene	LCS946649	LCSD946649	0.76	98.0	97.5	0.707	1.03
Acenaphthylene	LCS946649	LCSD946649	112	108	110	2.83	3.64
Anthracene	LCS946649	LCSD946649	112	110	111	1.41	1.80
Benzo(a)anthracene	LCS946649	LCSD946649	117	110	114	4.95	6.17
Benzo(a)pyrene	LCS946649	LCSD946649	104	104	104	0.00	0.00
Benzo(b)fluoranthene	LCS946649	LCSD946649	103	100	102	2.12	2.96
Benzo(g,h,i)perylene	LCS946649	LCSD946649	123	117	120	4.24	5.00
Benzo(k)fluoranthene	LCS946649	LCSD946649	119	123	121	2.83	3.31

Compiled: 22 March 1995 NC = Not Calculable () = Data Flag

Parameter 	Sample ID	Duplicate Sample ID	Value	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate	Organics Control Duplicate , cont.						
Benzoic acid	LCS946649	LCSD946649	71.0	0.69	70.0	1.41	2.86
Benzyl alcohoł	LCS946649	LCSD946649	109	110	110	0.707	0.913
Butylbenzylphthalate	LCS946649	LCSD946649	118	112	115	4.24	5.22
Chrysene	LCS946649	LCSD946649	111	100	106	7.78	10.4
Di-n-octylphthalate	LCS946649	LCSD946649	130	131	131	0.707	0.766
Dibenz(a,h)anthracene	LCS946649	LCSD946649	107	0.66	103	5.66	7.77
Dibenzofuran	LCS946649	LCSD946649	104	100	102	2.83	3.92
Dibutylphthalate	LCS946649	LCSD946649	116	111	114	3.54	4.41
Diethylphthalate	LCS946649	LCSD946649	112	109	111	2.12	2.71
Dimethylphthalate	LCS946649	LCSD946649	109	104	107	3.54	4.69
Diphenylamine	LCS946649	LCSD946649	104	98.0	101	4.24	5.94
Fluoranthene	LCS946649	LCSD946649	105	104	105	0.707	0.957
Fluorene	LCS946649	LCSD946649	93.0	0.06	91.5	2.12	3.28
Hexachlorobenzene	LCS946649	LCSD946649	101	108	105	4.95	6.70
Hexachlorobutadiene	LCS946649	LCSD946649	106	100	103	4.24	5.83
Hexachlorocyclopentadiene	LCS946649	LCSD946649	44.0	44.0	44.0	0.00	00.00
Hexachloroethane	LCS946649	LCSD946649	110	113	112	2.12	2.69
Indeno(1,2,3-cd)pyrene	LCS946649	LCSD946649	107	104	106	2.12	2.84
Isophorone	LCS946649	LCSD946649	112	112	112	0.00	0.00
N-Nitroso-di-n-propylamine	LCS946649	LCSD946649	107	106	107	0.707	0.939
Naphthalene	LCS946649	LCSD946649	105	104	105	0.707	0.957
Nitrobenzene	LCS946649	LCSD946649	106	104	105	1.41	1.90
Pentachlorophenol	LCS946649	LCSD946649	93.0	91.0	92.0	1.41	2.17
Phenanthrene	LCS946649	LCSD946649	0.66	97.0	98.0	1.41	2.04
Phenol	LCS946649	LCSD946649	102	101	102	0.707	0.985
Pyrene	LCS946649	LCSD946649	108	107	108	0.707	0.930
bis(2-Chloroethoxy)methane	LCS946649	LCSD946649	0.66	101	100	1.41	2.00

Compiled: 22 March 1995 NC = Not ( jable (



Parameter 	Sample ID	Duplicate Sample ID	Value 	Duplicate Value	Mean Value	Standard Deviation	RPD (%)
Method = SW8270 - Semivolatile Organics Type of Duplicate : Laboratory Control Duplicate , cont.	Organics Control Duplicate , cont.			·			
bis(2-Chloroethyl)ether bis(2-Chloroisopropyl)ether	LCS946649 LCS946649	LCSD946649 LCSD946649	98.0 95.0	96.0	97.0	1.41	2.06
bis(2-Ethylhexyl)phthalate p-Chloroaniline	LCS946649 LCS946649	LCSD946649 LCSD946649	113 108	106	110	4.95 2.12	6.39 2.82
Method = SW8270 - Semivolatile Organics Type of Duplicate : Matrix Spike Duplicate	Organics ke Duplicate			ć			
1,2,4-Trichlorobenzene	G94-P0-SS-01	G94-P0-SS-01	97.0	102	99.5	3.54	5.03
1,4-Dichlorobenzene	G94-P0-SS-01	G94-P0-SS-01	91.0	91.0	91.0	0.00	0.00
2,4-Dinitrotoluene	G94-P0-SS-01	G94-P0-SS-01	92.0	97.0	94.5	3.54	5.29
2-Chlorophenol	G94-P0-SS-01	G94-P0-SS-01	92.0	0.06	91.0	1.41	2.20
4-Chloro-3-methylphenol	G94-P0-SS-01	G94-P0-SS-01	91.0	0.96	93.5	3.54	5,35
4-Nitrophenol	G94-P0-SS-01	G94-P0-SS-01	98.0	106	102	5.66	7.84
Acenaphthene	G94-P0-SS-01	G94-P0-SS-01	89.0	97.0	93.0	5.66	8.60
N-Nitroso-di-n-propylamine	694-P0-SS-01	G94-P0-SS-01	96.0	99.0	97.5	2.12	3.08
Pentachlorophenol	694-P0-SS-01	694-P0-SS-01	90.0	91.0	90.5	0.707	1.10
Phenol	G94-P0-SS-01 G94-P0-SS-01	G94-P0-SS-01 G94-P0-SS-01	88.0 109	89.0 109	88.5	0.707	1.13
Method = SW8280 - Dioxins and Furans Type of Duplicate : Laboratory Control Duplicate	Furans Control Duplicate						
2,3,7,8-TCDD	LCS946617	LCSD946617	82.0	87.0	84.5	3.54	5.92
2,3,7,8-TCDD	LCS947095	LCSD947095	75.0	77.0	76.0	1.41	2.63

## ATTACHMENT C - APPENDIX B

Table A-4.1

Date Summary - 1994 Water Samples

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-01-HA-11-01-EB EB					
SW8280 - Dioxins and Furans	9/23/94	10/5/94	12 Days	10/19/94	14 Days
ampîe ID : G94-01-MW-01 N					
1403 - Alkalinity	9/13/94	NA .	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
KK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA 	NA 	9/13/94	0 Days
Sample ID : G94-01-MW-01-FD FD					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
E170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
W9050 - Specific Conductance	9/13/94	NA 	NA 	9/13/94 	0 Days
Sample ID : G94-01-MW-02 N					
1403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
KK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
K102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
W8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
W8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/23/94	10 Days
W9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
W9050 - Specific Conductance	9/13/94	NA 	NA	9/13/94	0 Days
ample ID : G94-01-MW-05 MS					
K101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
K102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
W8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
W8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8260 - Volatile Organic Compounds	9/13/94 	NA 	NA 	9/22/94	9 Days
Sample ID : G94-01-MW-05 MSD					
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA 	NA	9/23/94	10 Days 
Sample ID : G94-01-MW-05 N					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
AK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
E170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/29/94	9 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/29/94	9 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA	9/22/94	9 Days
SW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA 	NA	9/13/94	0 Days
Sample ID : G94-01-MW-06 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
AK101 - Gasoline Range Organics	9/16/94	9/21/94	5 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/16/94	9/20/94	4 Days	9/21/94	1 Days
E170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/16/94	NA	NA	9/23/94	7 Days
SW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
SW9050 - Specific Conductance	9/16/94	NA 	NA	9/16/94	0 Days
Sample ID : G94-01-MW-07 N					
A403 - Alkalinity	9/17/94	NA	NA	9/17/94	0 Days
AK101 - Gasoline Range Organics	9/17/94	9/22/94	5 Days	9/22/94	0 Days
AK102 - Diesel Range Organics	9/17/94	9/20/94	3 Days	9/21/94	1 Days
E170.1 - Temperature	9/17/94	NA	NA	9/17/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/17/94	NA	NA	9/23/94	6 Days
SW9040 - pH Electrometric Measurement	9/17/94	NA	NA	9/17/94	0 Days
SW9050 - Specific Conductance	9/17/94	NA	NA	9/17/94	O Days

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
mple ID : G94-01-MW-08 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
KK101 - Gasoline Range Organics	9/16/94	9/21/94	5 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/16/94	9/20/94	4 Days	9/21/94	1 Days
170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/16/94	NA	NA	9/23/94	7 Days
GW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
W9050 - Specific Conductance	9/16/94	NA	NA 	9/16/94	0 Days
ample ID : G94-02-GW-01 N					
.403 - Alkalinity	9/7/94	NA	NA	9/7/94	0 Days
KK101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
K102 - Diesel Range Organics	9/7/94	9/14/94	7 Days	9/17/94	3 Days
170.1 - Temperature	9/7/94	NA	NA	9/7/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	3 Days
W8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	3 Days
W8260 - Volatile Organic Compounds	9/7/94	NA	NA	9/19/94	12 Days
W8270 - Semivolatile Organics	9/7/94	9/12/94	5 Days	9/21/94	9 Days
W9040 - pH Electrometric Measurement	9/7/94	NA	NA	9/7/94	0 Days
W9050 - Specific Conductance	9/7/94	NA	NA	9/7/94	0 Days
Sample ID : G94-02-GW-03 N					
403 - Alkalinity	9/7/94	NA	NA	9/7/94	0 Days
K101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
K102 - Diesel Range Organics	9/7/94	9/14/94	7 Days	9/17/94	3 Days
170.1 - Temperature	9/7/94	9/14/94 NA	NA	9/7/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	0 Days 3 Days
W8080 - Organochlorine Pesticides and PCBs	9/7/94	9/13/94	6 Days	9/16/94	3 Days
W8260 - Volatile Organic Compounds	9/7/94	9/13/94 NA	NA	9/19/94	3 Days 12 Days
W8270 - Votatile Organic Compounds W8270 - Semivolatile Organics	9/7/94	9/12/94	5 Days	9/19/94	9 Days
W9040 - pH Electrometric Measurement	9/7/94	9/12/94 NA	o Days NA	9/7/94	9 Days 0 Days
W9050 - Specific Conductance	9/7/94	NA NA	NA NA	9/7/94	0 Days
				<i>5) 1   <b>54</b></i>	U Days
ample ID : G94-02-GW-04 N					
403 - Alkalinity	9/7/94	NA	NA	9/7/94	0 Days
K101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
K102 - Diesel Range Organics	9/7/94	9/14/94	7 Days	9/17/94	3 Days
170.1 - Temperature	9/7/94	NA	NA	9/7/94	0 Days
W8260 - Volatile Organic Compounds	9/7/94	NA	NA	9/19/94	12 Days
W8270 - Semivolatile Organics	9/7/94	9/12/94	5 Days	9/21/94	9 Days
W9040 - pH Electrometric Measurement	9/7/94	NA	NA	9/7/94	0 Days

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
 SW9050 - Specific Conductance 	9/7/94	NA 	NA	9/7/94	0 Days
Sample ID : G94-02-GW-04R N					
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs		9/21/94 9/21/94	-	10/13/94 10/13/94	-
Sample ID : G94-04-MW-03 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
E170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW6010 - Metals	9/16/94	9/27/94	11 Days	10/5/94	8 Days
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
SW7421 - Lead	9/16/94	9/27/94	11 Days	9/27/94	0 Days
SW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
SW9050 - Specific Conductance	9/16/94	NA 	NA 	9/16/94	0 Days
Sample ID : G94-04-MW-03-02 MS					
SW6010 - Metals	9/28/94	10/13/94	15 Days	10/13/94	0 Days
SW7060 - Arsenic	9/28/94	10/5/94	7 Days	10/6/94	1 Days
SW7421 - Lead	9/28/94	10/5/94	7 Days	10/7/94	2 Days
Sample ID : G94-04-MW-03-02 MSD					
	9/28/94	10/13/94	15 Days	10/13/94	0 Days
SW6010 - Metals	9/28/94 9/28/94	10/13/94 10/5/94	15 Days 7 Days	10/13/94 10/6/94	0 Days 1 Days
Sample ID : G94-04-MW-03-02 MSD SW6010 - Metals SW7060 - Arsenic SW7421 - Lead					
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9/28/94	10/5/94	7 Days	10/6/94	1 Days
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead 	9/28/94	10/5/94 10/5/94 	7 Days	10/6/94 10/7/94	1 Days 2 Days
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9/28/94 9/28/94	10/5/94 10/5/94 	7 Days 7 Days 	10/6/94 10/7/94	1 Days 2 Days
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9/28/94 9/28/94 	10/5/94 10/5/94 	7 Days 7 Days 	10/6/94 10/7/94 	1 Days 2 Days 0 Days
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead 	9/28/94 9/28/94 	10/5/94 10/5/94 	7 Days 7 Days 15 Days 7 Days	10/6/94 10/7/94 	1 Days 2 Days
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9/28/94 9/28/94 9/28/94 9/28/94 9/28/94	10/5/94 10/5/94 	7 Days 7 Days 15 Days 7 Days 7 Days 7 Days	10/6/94 10/7/94 	1 Days 2 Days 0 Days 1 Days
SW6010 - Metals SW7060 - Arsenic	9/28/94 9/28/94 9/28/94 9/28/94 9/28/94	10/5/94 10/5/94 	7 Days 7 Days 15 Days 7 Days 7 Days 7 Days	10/6/94 10/7/94 	1 Days 2 Days 0 Days 1 Days 2 Days
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9/28/94 9/28/94 9/28/94 9/28/94 9/28/94	10/5/94 10/5/94 10/13/94 10/5/94 10/5/94	7 Days 7 Days 15 Days 7 Days 7 Days 7 Days	10/6/94 10/7/94 	1 Days 2 Days 0 Days 1 Days 2 Days

ANALYTICAL METHOD	DATE COLLECTED		ELAPSED TIME .	DATE ANALYZED	
ample ID : G94-04-MW-03D MSD		·			
W7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
Sample ID : G94-04-MW-03D N					
SW6010 - Metals	9/16/94	9/27/94	11 Days	10/5/94	8 Days
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
SW7421 - Lead 	9/16/94	9/27/94 	11 Days	9/27/94	0 Days
Sample ID : G94-04-MW-03D PS					
SW7060 - Arsenic	9/16/94	9/26/94	10 Days	9/28/94	2 Days
Gample ID : G94-05-MW-02 N					,
1403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/26/94	6 Days	9/26/94	0 Days
KK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
W8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
W9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
W9050 - Specific Conductance	9/20/94 	NA 	NA 	9/20/94 	0 Days
sample ID : G94-05-MW-02-FD FD					
1403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
KI01 - Gasoline Range Organics	9/20/94	9/26/94	6 Days	9/26/94	0 Days
K102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
170.1 - Temperature	9/20/94	NA	NA .	9/20/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
W8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
W8260 - Volatile Organic Compounds	9/20/94	NA 0.400.40.4	NA	9/29/94	9 Days
W8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
W9040 - pH Electrometric Measurement	9/20/94	NA NA	NA	9/20/94	0 Days
W9050 - Specific Conductance	9/20/94 	NA 	NA 	9/20/94 	0 Days
Gample ID : G94-05-MW-03 N					
1403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/29/94	9 Days	9/29/94	0 Days

	DATE	DATE	ELAPSED	DATE	ELAPSED
ANALYTICAL METHOD	COLLECTED	PREPARED	TIME	ANALYZED	TIME
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA	NA 	9/20/94	0 Days
Sample ID : G94-05-MW-04 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/30/94	10 Days	9/30/94	0 Days
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
W8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/30/94	10 Days
W8260 - Volatile Organic Compounds	9/20/94	NA	NA	10/1/94	11 Days
W8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
W9040 - pH Electrometric Measurement	9/20/94	NΑ	NA	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA 	NA	9/20/94	0 Days
Sample ID : G94-05-MW-05 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/30/94	10 Days	9/30/94	0 Days
K102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
170.1 - Temperature	9/20/94	NA NA	NA NA	9/20/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
W8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
W8260 - Volatile Organic Compounds	9/20/94	NA.	NA	9/30/94	10 Days
W8260 - Volatile Organic Compounds	9/20/94	NA	NA	9/29/94	9 Days
W8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/27/94	1 Days
W8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
W9040 - pH Electrometric Measurement	9/20/94	NA	NA .	9/20/94	0 Days
W9050 - Specific Conductance	9/20/94	NA	NA	9/20/94	0 Days
ample ID : G94-05-MW-06 N					
403 - Alkalinity	0/11/04	NΛ	NA	0/11/01	Λ Β
K101 - Gasoline Range Organics	9/11/94	NA 0/17/04	NA 6. Davis	9/11/94	0 Days
	9/11/94	9/17/94	6 Days	9/17/94	0 Days
K102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/20/94	6 Days
170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/26/94	11 Days
W8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/26/94	11 Days

Compiled: 21 March 1995 N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate

FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

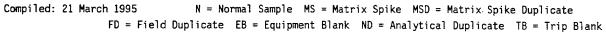
	DATE	DATE	ELAPSED	DATE	ELAPSED
ANALYTICAL METHOD	COLLECTED	PREPARED	TIME	ANALYZED	TIME
	9/11/94	NA	NA	9/22/94	11 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days
Sample ID : G94-05-MW-07 N					
A403 - Alkalinity	9/20/94	NA	NA	9/20/94	0 Days
AK101 - Gasoline Range Organics	9/20/94	9/28/94	8 Days	9/28/94	0 Days
AK102 - Diesel Range Organics	9/20/94	9/26/94	6 Days	9/30/94	4 Days
E170.1 - Temperature	9/20/94	NA	NA	9/20/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/20/94	9/26/94	6 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/20/94	NA .	NA	9/30/94	10 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW8270 - Semivolatile Organics	9/20/94	9/26/94	6 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/20/94	NA	NA 	9/20/94	0 Days
SW9050 - Specific Conductance	9/20/94	NA 	NA 	9/20/94	0 Days
Sample ID : G94-05-MW-11 N	- 4				
A403 - Alkalinity	9/19/94	NA O (OO (O)	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/26/94	7 Days	9/29/94	3 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
E170.1 - Temperature	9/19/94	NA 0 (36 (04	NA 7. Davis	9/19/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94 NA	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA 0/26/04	NA 7 Days	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94 NA	7 Days NA	9/27/94	1 Days
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	9/19/94 9/19/94	NA NA	NA NA	9/19/94 9/19/94	0 Days 0 Days
		***			·
Sample ID : G94-05-MW-13 N					
A403 - Alkalinity	9/13/94	NA	NA	9/13/94	0 Days
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
KK102 - Diesel Range Organics	9/13/94	9/20/94	7 Days	9/21/94	1 Days
170.1 - Temperature	9/13/94	NA	NA	9/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8080 - Organochlorine Pesticides and PCBs	9/13/94	9/20/94	7 Days	9/30/94	10 Days
SW8260 - Volatile Organic Compounds	9/13/94	NA	NA -	9/23/94	10 Days
SW8270 - Semivolatile Organics	9/13/94	9/19/94	6 Days	9/22/94	3 Days
GW9040 - pH Electrometric Measurement	9/13/94	NA	NA	9/13/94	0 Days
SW9050 - Specific Conductance	9/13/94	NA	NA	9/13/94	0 Days

Sample ID : G94-05-MW-14 N

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE	ELAPSED
			11ME	ANALYZED	TIME
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA 	NA 	9/19/94	0 Days
Sample ID : G94-05-MW-15 N					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	9/30/94	4 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA 	NA	9/19/94	0 Days
Sample ID : G94-06-MW-01 N					
AAO2 Albalinia.	0/17/04				
A403 - Alkalinity	9/17/94	NA 0 (01 (04	NA 1	9/17/94	0 Days
AK101 - Gasoline Range Organics AK102 - Diesel Range Organics	9/17/94	9/21/94	4 Days	9/21/94	0 Days
E170.1 - Temperature	9/17/94	9/20/94	3 Days	9/21/94	1 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	NA 0./31./04	NA A	9/17/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/17/94	9/21/94	4 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/17/94 9/17/94	NA NA	NA NA	9/29/94	12 Days
SW8270 - Semivolatile Organics		NA 0/31/04	NA 4 Davis	9/30/94	13 Days
SW9040 - pH Electrometric Measurement	9/17/94	9/21/94	4 Days	9/26/94	5 Days
SW9050 - Specific Conductance	9/17/94	NA NA	NA NA	9/17/94	0 Days
	9/17/94 	NA 	NA 	9/17/94 	0 Days
Sample ID : G94-06-MW-02 MS					
AKI01 - Gasoline Range Organics	9/12/94	9/16/94	4 Days	9/16/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/16/94	2 Days
W8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
W8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94				

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-06-MW-02 MSD					
AK101 - Gasoline Range Organics	9/12/94	9/16/94	4 Days	9/16/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/16/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics 	9/12/94	9/15/94	3 Days	9/21/94	6 Days
Sample ID : G94-06-MW-02 N					
A403 - Alkalinity	9/12/94	NA	NA	9/12/94	0 Days
AK101 - Gasoline Range Organics	9/12/94	9/17/94	5 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/20/94	6 Days
E170.1 - Temperature	9/12/94	NA	NA	9/12/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94	9/15/94	3 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/12/94	NA .	NA	9/12/94	0 Days
W9050 - Specific Conductance	9/12/94	NA 	NA 	9/12/94	0 Days
Sample ID : G94-06-MW-03 MS					
Sample 10 . 034-00-14W-03 H3					
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/16/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
GW8270 - Semivolatile Organics	9/8/94 	9/12/94 	4 Days	9/21/94 	9 Days
Sample ID : G94-06-MW-03 MSD					
·	- 1- 1				
KK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
KK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/16/94	2 Days
W8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
W8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA 0 (10 (0 t	NA A	9/19/94	11 Days
W8270 - Semivolatile Organics	9/8/94 	9/12/94 	4 Days 	9/21/94 	9 Days 
Sample ID : G94-06-MW-03 N					
1403 - Alkalinity	9/8/94	NA	NA	9/8/94	0 Days
KK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
K102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/16/94	2 Days
170.1 - Temperature	9/8/94	NA	NA	9/8/94	0 Days

COLLECTED	PREPARED	ELAPSED TIME	ANALYZED	ELAPSED TIME
				3 Days
		•		3 Days
9/8/94	NA	NA .		11 Days
1.1.	9/12/94			9 Days
	NA	•		0 Days
9/8/94	NA 	NA 	9/8/94	0 Days
9/8/94	NA	NA	9/8/94	0 Days
9/8/94	9/15/94	7 Days	9/15/94	0 Days
9/8/94	9/14/94	6 Days	9/17/94	3 Days
9/8/94	NA	NA	9/8/94	0 Days
9/8/94	9/13/94	5 Days	9/16/94	3 Days
9/8/94	9/13/94	5 Days		3 Days
9/8/94	NA	NA	9/19/94	11 Days
9/8/94	9/12/94	4 Days	9/21/94	9 Days
9/8/94	NA	NA	9/8/94	0 Days
9/8/94	NA	NA	9/8/94	0 Days
9/18/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94	9/20/94 NA 9/21/94 9/21/94 NA NA 9/21/94 NA	2 Days NA 3 Days 3 Days NA NA NA 3 Days NA	9/21/94 9/18/94 10/13/94 10/13/94 9/30/94 9/29/94 9/27/94 9/18/94	O Days 1 Days O Days 22 Days 22 Days 12 Days 11 Days 6 Days O Days
9/12/94	NA	NA .	9/12/94	0 Days
		•		0 Days
		•		6 Days
9/12/94	NA O (10 (0 t	NA Z. Danie	9/12/94	0 Days
0/10/04			1075747	In ilave
9/12/94	9/19/94	7 Days	10/5/94	16 Days
9/12/94	9/19/94	7 Days	9/19/94	0 Days
9/12/94 9/12/94	9/19/94 9/19/94	7 Days 7 Days	9/19/94 9/19/94	0 Days 0 Days
9/12/94 9/12/94 9/12/94	9/19/94 9/19/94 9/15/94	7 Days 7 Days 3 Days	9/19/94 9/19/94 9/27/94	0 Days 0 Days 12 Days
9/12/94 9/12/94 9/12/94 9/12/94	9/19/94 9/19/94 9/15/94 9/15/94	7 Days 7 Days 3 Days 3 Days	9/19/94 9/19/94 9/27/94 9/27/94	0 Days 0 Days 12 Days 12 Days
9/12/94 9/12/94 9/12/94	9/19/94 9/19/94 9/15/94	7 Days 7 Days 3 Days	9/19/94 9/19/94 9/27/94	0 Days 0 Days 12 Days
	9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/8/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94 9/18/94	COLLECTED PREPARED	COLLECTED PREPARED TIME	COLLECTED PREPARED TIME ANALYZED



NALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
W9050 - Specific Conductance	9/12/94	NA	NA	9/12/94	0 Days
Sample ID : G94-06-MW-05D MS					
SW6010 - Metals	9/12/94	9/19/94	7 Days	10/5/94	16 Days
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead 	9/12/94	9/19/94	7 Days	9/19/94	0 Days
Sample ID : G94-06-MW-05D MSD					
SW6010 - Metals	9/12/94	9/19/94	7 Days	10/5/94	16 Days
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead	9/12/94	9/19/94	7 Days	9/19/94	0 Days
Sample ID : G94-06-MW-05D N					
SW6010 - Metals	9/12/94	9/19/94	7 Days	10/5/94	16 Days
SW7060 - Arsenic	9/12/94	9/19/94	7 Days	9/19/94	0 Days
SW7421 - Lead	9/12/94	9/19/94	7 Days	9/19/94	0 Days
Sample ID : G94-06-MW-05D PS SW7060 - Arsenic SW7421 - Lead	9/12/94 9/12/94	9/19/94 9/19/94	7 Days 7 Days	9/19/94 9/19/94	0 Days 0 Days
Sample ID : G94-06-MW-06 N					
A403 - Alkalinity	9/12/94	NA	NA	9/12/94	0 Days
AK101 - Gasoline Range Organics	9/12/94	9/20/94	8 Days	9/20/94	0 Days
KK102 - Diesel Range Organics	9/12/94	9/14/94	2 Days	9/20/94	6 Days
E170.1 - Temperature	9/12/94	NA	NA	9/12/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/12/94	9/15/94	3 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA	9/22/94	10 Days
SW8270 - Semivolatile Organics	9/12/94	9/15/94	3 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/12/94	NA 	NA NA	9/12/94	0 Days
6W9050 - Specific Conductance 	9/12/94	NA 	NA 	9/12/94	0 Days
Sample ID : G94-06-MW-07 N					
A403 - Alkalinity	9/16/94	NA	NA	9/16/94	0 Days
AK101 - Gasoline Range Organics	9/16/94	9/21/94	5 Days	9/21/94	0 Days
AK102 - Diesel Range Organics	9/16/94	9/20/94	4 Days	9/21/94	1 Days
E170.1 - Temperature	9/16/94	NA	NA	9/16/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE	ELAPSED
		PREPARED		ANALYZED	TIME
SW8080 - Organochlorine Pesticides and PCBs	9/16/94	9/21/94	5 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/16/94	NA	NA	9/23/94	7 Days
SW8270 - Semivolatile Organics	9/16/94	9/21/94	5 Days	9/27/94	6 Days
SW9040 - pH Electrometric Measurement	9/16/94	NA	NA	9/16/94	0 Days
SW9050 - Specific Conductance	9/16/94	NA	NA	9/16/94	0 Days
Sample ID : G94-09-MW-01 N					
A403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
AK101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/18/94	4 Days
E170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/22/94	11 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days
A403 - Alkalinity  AK101 - Gasoline Range Organics  AK102 - Diesel Range Organics  E170.1 - Temperature  SW8080 - Organochlorine Pesticides and PCBs  SW8080 - Organochlorine Pesticides and PCBs  SW8080 - Volatile Organic Compounds  SW8270 - Semivolatile Organics  SW9040 - pH Electrometric Measurement  SW9050 - Specific Conductance	9/11/94 9/11/94 9/11/94 9/11/94 9/11/94 9/11/94 9/11/94 9/11/94 9/11/94	NA 9/17/94 9/14/94 NA 9/15/94 9/15/94 NA 9/15/94 NA	NA 6 Days 3 Days NA 4 Days 4 Days NA 4 Days NA 4 Days	9/11/94 9/17/94 9/18/94 9/11/94 9/27/94 9/27/94 9/22/94 9/21/94 9/11/94	O Days O Days A Days Days Days Days Days Days Days Days
Sample ID : G94-09-MW-03 N	0/10/04		MA	0/10/04	0. Paus
A403 - Alkalinity AK101 - Gasoline Range Organics	9/10/94 9/10/94	NA 9/17/94	NA 7. Davis	9/10/94	0 Days
AKIOI - dasoffne kange organics AKIO2 - Diesel Range Organics	9/10/94	9/17/94	7 Days 4 Days	9/17/94 9/17/94	0 Days 3 Days
E170.1 - Temperature	9/10/94	9/14/94 NA	MA Days	9/1//94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	9/15/94 NA	NA	9/19/94	9 Days
HOLOG FOIGETTE OF GUILLO COMPUSIOS					<u> </u>
* *	Q/1n/Q <i>A</i>	9/15/9/	5 Dave	0/21/04	6 02110
SW8270 - Semivolatile Organics	9/10/94	9/15/94 NA	5 Days	9/21/94	6 Days
SW8270 - Semivolatile Organics SW9040 - pH Electrometric Measurement	9/10/94 9/10/94	9/15/94 NA	5 Days NA	9/21/94 9/10/94	6 Days 0 Days

Sample ID : G94-09-MW-04 N

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
				ANAL 1210	1 THL
A403 - Alkalinity	9/8/94	NA	NA	9/8/94	0 Days
AK101 - Gasoline Range Organics	9/8/94	9/15/94	7 Days	9/15/94	0 Days
AK102 - Diesel Range Organics	9/8/94	9/14/94	6 Days	9/19/94	5 Days
E170.1 - Temperature	9/8/94	NA	NA	9/8/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8080 - Organochlorine Pesticides and PCBs	9/8/94	9/13/94	5 Days	9/16/94	3 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA	NA	9/19/94	11 Days
SW8270 - Semivolatile Organics	9/8/94	9/12/94	4 Days	9/21/94	9 Days
SW9040 - pH Electrometric Measurement	9/8/94	NA	NA	9/8/94	0 Days
SW9050 - Specific Conductance	9/8/94 	NA 	NA 	9/8/94 	0 Days
Sample ID : G94-09-MW-05 N					
A403 - Alkalinity	9/10/94	NA	NA	9/10/94	0 Days
AK101 - Gasoline Range Organics	9/10/94	9/17/94	7 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/10/94	9/14/94	4 Days	9/18/94	4 Days
E170.1 - Temperature	9/10/94	NA	NA	9/10/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	NA	NA	9/19/94	9 Days
SW8270 - Semivolatile Organics	9/10/94	9/15/94	5 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/10/94	NA	NA	9/10/94	0 Days
SW9050 - Specific Conductance	9/10/94	NA 	NA 	9/10/94	0 Days
Sample ID : G94-09-MW-05-FD FD					
A403 - Alkalinity	9/10/94	NA	NA	9/10/94	0 Days
AK101 - Gasoline Range Organics	9/10/94	9/17/94	7 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/10/94	9/14/94	4 Days	9/18/94	4 Days
E170.1 - Temperature	9/10/94	NA	NA	9/10/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	NA	NA	9/19/94	9 Days
SW8270 - Semivolatile Organics	9/10/94	9/15/94	5 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/10/94	NA	NA	9/10/94	0 Days
SW9050 - Specific Conductance	9/10/94	NA 	NA 	9/10/94	0 Days
Sample ID : G94-09-MW-06 N					
A403 - Alkalinity	9/10/94	NA	NA	9/10/94	0 Days
AK101 - Gasoline Range Organics	9/10/94	9/17/94	7 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/10/94	9/14/94	4 Days	9/17/94	3 Days
E170.1 - Temperature	9/10/94	NA	NA	9/10/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8080 - Organochlorine Pesticides and PCBs	9/10/94	9/15/94	5 Days	9/26/94	11 Days
SW8260 - Volatile Organic Compounds	9/10/94	NA	NA	9/19/94	9 Days
SW8270 - Semivolatile Organics	9/10/94	9/15/94	5 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/10/94	NA	NA	9/10/94	0 Days

ANALYTICAL METHOD .	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE Analyzed	ELAPSED TIME
SW9050 - Specific Conductance	9/10/94	NA 	NA	9/10/94	0 Days
Sample ID : G94-09-MW-08 N					
A403 - Alkalinity	9/18/94	NA	NA	9/18/94	0 Days
AK101 - Gasoline Range Organics	9/18/94	9/22/94	4 Days	9/22/94	0 Days
AK102 - Diesel Range Organics	9/18/94	9/20/94	2 Days	9/21/94	1 Days
E170.1 - Temperature	9/18/94	NA	NA	9/18/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/29/94	11 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/30/94	12 Days
SW8270 - Semivolatile Organics	9/18/94	9/21/94	3 Days	9/27/94	6 Days
SW9040 - pH Electrometric Measurement	9/18/94	NA	NA	9/18/94	0 Days
SW9050 - Specific Conductance	9/18/94	NA 	NA 	9/18/94	0 Days
Sample ID : G94-09-MW-12 N					
A403 - Alkalinity	9/18/94	NA	NA	9/18/94	0 Days
AK101 - Gasoline Range Organics	9/18/94	9/20/94	2 Days	9/21/94	1 Days
AK102 - Diesel Range Organics	9/18/94	9/20/94	2 Days	9/22/94	2 Days
E170.1 - Temperature	9/18/94	NA	NA	9/18/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8080 - Organochlorine Pesticides and PCBs	9/18/94	9/21/94	3 Days	10/13/94	22 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/29/94	11 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/30/94	12 Days
SW8270 - Semivolatile Organics	9/18/94	9/21/94	3 Days	9/27/94	6 Days
SW8270 - Semivolatile Organics	9/18/94	9/21/94	3 Days	9/27/94	6 Days
SW9040 - pH Electrometric Measurement	9/18/94	NA	NA	9/18/94	0 Days
SW9050 - Specific Conductance	9/18/94	NA 	NA 	9/18/94 	0 Days
Sample ID : G94-09-MW-15 N					
A403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
AK101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
AK102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/18/94	4 Days
E170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
SW8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/19/94	8 Days
SW8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
SW9040 - pH Electrometric Measurement	9/11/94	NA	NA	9/11/94	0 Days
SW9050 - Specific Conductance	9/11/94	NA	NA	9/11/94	0 Days

Compiled: 21 March 1995 N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate

9/17/94

Sample ID : G94-10-MW-01 N

A403 - Alkalinity

0 Days

NA

NA

9/17/94

NALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
K101 - Gasoline Range Organics	9/17/94	9/21/94	4 Days	9/21/94	0 Days
K102 - Diesel Range Organics	9/17/94	9/20/94	3 Days	9/21/94	1 Days
170.1 - Temperature	9/17/94	NA	NA	9/17/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
W8080 - Organochlorine Pesticides and PCBs	9/17/94	9/21/94	4 Days	10/13/94	22 Days
W8260 - Volatile Organic Compounds	9/17/94	NA	NA	9/23/94	6 Days
₩8270 - Semivolatile Organics	9/17/94	9/21/94	4 Days	9/26/94	5 Days
W9040 - pH Electrometric Measurement	9/17/94	NA	NA	9/17/94	0 Days
W9050 - Specific Conductance	9/17/94	NA 	NA 	9/17/94 	0 Days
ample ID : G94-10-MW-03 N					
403 - Alkalinity	9/11/94	NA	NA	9/11/94	0 Days
K101 - Gasoline Range Organics	9/11/94	9/17/94	6 Days	9/17/94	0 Days
K102 - Diesel Range Organics	9/11/94	9/14/94	3 Days	9/20/94	6 Days
170.1 - Temperature	9/11/94	NA	NA	9/11/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
W8080 - Organochlorine Pesticides and PCBs	9/11/94	9/15/94	4 Days	9/27/94	12 Days
W8260 - Volatile Organic Compounds	9/11/94	NA	NA	9/22/94	11 Days
#8270 - Semivolatile Organics	9/11/94	9/15/94	4 Days	9/21/94	6 Days
10040 11 53 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9/11/94	NA	NA	9/11/94	0 Days
wyu4u - pH Electrometric Measurement	3/11/37				
W9050 - Specific Conductance	9/11/94	NA 	NA 	9/11/94	0 Days
w9050 - Specific Conductance	9/11/94  9/19/94 9/19/94	NA  9/27/94 9/26/94	8 Days 7 Days	9/27/94 9/30/94	0 Days 4 Days
W9050 - Specific Conductance	9/11/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/26/94	8 Days 7 Days 8 Days	9/27/94	0 Days 4 Days 8 Days
W9050 - Specific Conductance	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94	8 Days 7 Days 8 Days 8 Days	9/27/94 9/30/94 10/5/94 9/28/94	0 Days 4 Days 8 Days 1 Days
W9050 - Specific Conductance	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94	8 Days 7 Days 8 Days 8 Days 8 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94	0 Days 4 Days 8 Days 1 Days 0 Days
W9050 - Specific Conductance  ample ID : G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94	8 Days 7 Days 8 Days 8 Days 8 Days 7 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94	0 Days 4 Days 8 Days 1 Days 0 Days
W9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94	8 Days 7 Days 8 Days 8 Days 8 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94	0 Days 4 Days 8 Days 1 Days 0 Days 13 Days
W9050 - Specific Conductance  ample ID : G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8080 - Volatile Organic Compounds	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 8 Days 7 Days 7 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 10/9/94 9/29/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 13 Days
W9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8260 - Volatile Organic Compounds  W8270 - Semivolatile Organics	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 8 Days 7 Days 7 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94	O Days 4 Days 8 Days 1 Days O Days 13 Days
W9050 - Specific Conductance  ample ID : G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8260 - Volatile Organic Compounds  W8270 - Semivolatile Organics  W8270 - Semivolatile Organics	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 8 Days 7 Days 7 Days NA 7 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 10/9/94 9/29/94 9/27/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 13 Days 10 Days
W9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8260 - Volatile Organic Compounds  W8270 - Semivolatile Organics  W8270 - Semivolatile Organics	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days 7 Days NA 7 Days 7 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days
w9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8260 - Volatile Organic Compounds  W8270 - Semivolatile Organics   9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 7 Days 7 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days	
w9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8260 - Volatile Organic Compounds  W8270 - Semivolatile Organics  W8270 - Semivolatile Organics  Ample ID: G94-13-MW-37 MSD  K101 - Gasoline Range Organics  K102 - Diesel Range Organics	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 7 Days 9 Days 9 Days 8 Days 9 Days 9 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days
w9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8260 - Volatile Organic Compounds  W8270 - Semivolatile Organics  W8270 - Semivolatile Organics  Ample ID: G94-13-MW-37 MSD  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 7 Days 7 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days
w9050 - Specific Conductance  ample ID : G94-13-MW-37 MS  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic  W7421 - Lead  W8080 - Organochlorine Pesticides and PCBs  W8080 - Organochlorine Pesticides and PCBs  W8260 - Volatile Organic Compounds  W8270 - Semivolatile Organics  W8270 - Semivolatile Organics  Ample ID : G94-13-MW-37 MSD  K101 - Gasoline Range Organics  K102 - Diesel Range Organics  W6010 - Metals  W7060 - Arsenic	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 9/26/94 9/26/94 	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 7 Days 9 Days 9 Days 8 Days 9 Days 9 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days O Days 4 Days 8 Days
W9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics K102 - Diesel Range Organics W6010 - Metals W7060 - Arsenic W7421 - Lead W8080 - Organochlorine Pesticides and PCBs W8080 - Organochlorine Pesticides and PCBs W8260 - Volatile Organic Compounds W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Diesel Range Organics K101 - Gasoline Range Organics K102 - Diesel Range Organics W6010 - Metals W7060 - Arsenic	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/26/94 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 8 Days 8 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days 0 Days 4 Days 8 Days 1 Days
W9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics K102 - Diesel Range Organics W6010 - Metals W7060 - Arsenic W7421 - Lead W8080 - Organochlorine Pesticides and PCBs W8080 - Organochlorine Pesticides and PCBs W8260 - Volatile Organic Compounds W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Diesel Range Organics K101 - Gasoline Range Organics K102 - Diesel Range Organics W7060 - Arsenic W7421 - Lead W8080 - Organochlorine Pesticides and PCBs	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 8 Days 8 Days 8 Days 8 Days 8 Days 8 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94 9/27/94 9/30/94 10/5/94 9/28/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days  O Days 4 Days 8 Days 1 Days 0 Days
W9050 - Specific Conductance  ample ID: G94-13-MW-37 MS  K101 - Gasoline Range Organics K102 - Diesel Range Organics W6010 - Metals W7060 - Arsenic W7421 - Lead W8080 - Organochlorine Pesticides and PCBs W8080 - Organochlorine Pesticides and PCBs W8260 - Volatile Organic Compounds W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Semivolatile Organics W8270 - Assenic W7421 - Lead W8080 - Organochlorine Pesticides and PCBs W8080 - Organochlorine Pesticides and PCBs	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/27/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 8 Days 8 Days 8 Days 8 Days 8 Days 9 Days 9 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 9/29/94 9/27/94 9/28/94 9/27/94 9/30/94 10/5/94 9/28/94	O Days 4 Days 8 Days 1 Days O Days 13 Days 10 Days 1 Days 2 Days O Days 4 Days 8 Days 1 Days 0 Days 1 Days
W9040 - pH Electrometric Measurement W9050 - Specific Conductance	9/11/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94 9/19/94	9/27/94 9/26/94 9/27/94 9/27/94 9/26/94 9/26/94 NA 9/26/94 9/26/94	8 Days 7 Days 8 Days 8 Days 7 Days 7 Days NA 7 Days 7 Days 7 Days 8 Days 8 Days 8 Days 8 Days 8 Days 8 Days 8 Days 8 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days 9 Days	9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94 10/9/94 9/27/94 9/27/94 9/28/94 9/27/94 9/30/94 10/5/94 9/28/94 9/27/94 10/9/94	O Days 4 Days 8 Days 1 Days 0 Days 13 Days 10 Days 1 Days 2 Days  O Days 4 Days 8 Days 1 Days 0 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days 1 Days

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-13-MW-37 N					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	10/1/94	5 Days
E170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
SW6010 - Metals	9/19/94	9/27/94	8 Days	10/5/94	8 Days
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/29/94	10 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/28/94	2 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA	NA	9/19/94	0 Days
Sample ID : G94-13-MW-37 PS					
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
Sample ID : G94-13-MW-37-FD FD					
A403 - Alkalinity	9/19/94	NA	NA	9/19/94	0 Days
AK101 - Gasoline Range Organics	9/19/94	9/27/94	8 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/19/94	9/26/94	7 Days	10/1/94	5 Days
170.1 - Temperature	9/19/94	NA	NA	9/19/94	0 Days
GW6010 - Metals	9/19/94	9/27/94	8 Days	10/5/94	8 Days
SW7060 - Arsenic	9/19/94	9/27/94	8 Days	9/28/94	1 Days
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
W8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
W8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
W9050 - Specific Conductance	9/19/94	NA 	NA 	9/19/94	0 Days
Sample ID : G94-13-MW-38 N					
	0/10/01	NA	NA	9/19/94	0 Days
403 - Alkalinity	9/19/94				•
	9/19/94 9/19/94	9/27/94	8 Days	9/27/94	0 Days
K101 - Gasoline Range Organics			8 Days 7 Days		0 Days 5 Days
M403 - Alkalinity MK101 - Gasoline Range Organics MK102 - Diesel Range Organics MT70.1 - Temperature	9/19/94	9/27/94		10/1/94	-
K101 - Gasoline Range Organics K102 - Diesel Range Organics	9/19/94 9/19/94	9/27/94 9/26/94	7 Days		5 Days

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE Analyzed	ELAPSED TIME
SW7421 - Lead	9/19/94	9/27/94	8 Days	9/27/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8080 - Organochlorine Pesticides and PCBs	9/19/94	9/26/94	7 Days	10/9/94	13 Days
SW8260 - Volatile Organic Compounds	9/19/94	NA	NA	9/30/94	11 Days
SW8270 - Semivolatile Organics	9/19/94	9/26/94	7 Days	9/27/94	1 Days
SW9040 - pH Electrometric Measurement	9/19/94	NA	NA	9/19/94	0 Days
SW9050 - Specific Conductance	9/19/94	NA 	NA 	9/19/94	0 Days
Sample ID : G94-AB-01 AB					
AK101 - Gasoline Range Organics	9/7/94	9/15/94	8 Days	9/15/94	0 Days
SW8260 - Volatile Organic Compounds 	9/7/94	NA 	NA 	9/19/94 	12 Days 
Sample ID : G94-DD-SS-03-EB EB					
AK101 - Gasoline Range Organics	9/24/94	10/1/94	7 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/29/94	5 Days	10/1/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94 	4 Days	10/14/94	16 Days
Sample ID : G94-MB-SS-05-EB EB					
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/4/94	6 Days	10/22/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/4/94 	6 Days	10/22/94 	18 Days
Sample ID : G94-PO-SS-O2-EB EB					
AK101 - Gasoline Range Organics	9/23/94	10/1/94	8 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/29/94	6 Days	10/1/94	2 Days
SW6010 - Metals	9/23/94	10/13/94	20 Days	10/13/94	0 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/14/94	16 Days
SW8270 - Semivolatile Organics 	9/23/94 	9/28/94 	5 Days	10/3/94 	5 Days
Sample ID : G94-TB-01 TB					
AK101 - Gasoline Range Organics	9/8/94	9/15/94			0 Days
SW8260 - Volatile Organic Compounds	9/8/94	NA 	NA 	9/19/94 	11 Days
Sample ID : G94-TB-02 TB					
AK101 - Gasoline Range Organics SW8260 - Volatile Organic Compounds	9/12/94	9/17/94	5 Days	9/17/94	0 Days

TABLE 4.1 DATE SUMMARY, WATER SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-TB-03 TB					
AK101 - Gasoline Range Organics	9/12/94			9/17/94	
SW8260 - Volatile Organic Compounds	9/12/94	NA	NA 	9/22/94	10 Days
Sample ID : G94-TB-04 TB					
AK101 - Gasoline Range Organics	9/13/94	9/19/94	6 Days	9/19/94	0 Days
SW8260 - Volatile Organic Compounds 	9/13/94	NA 	NA 	9/23/94	10 Days
Sample ID : G94-TB-05 TB					
AK101 - Gasoline Range Organics	9/18/94	9/22/94	4 Days	9/22/94	0 Days
SW8260 - Volatile Organic Compounds	9/18/94	NA	NA	9/30/94	12 Days
SW8260 - Volatile Organic Compounds 	9/18/94	NA 	NA 	9/29/94	11 Days
Sample ID : G94-TB-06 TB					
AK101 - Gasoline Range Organics	9/18/94	9/21/94	3 Days	9/21/94	0 Days
Sample ID : G94-TB-07 TB					
AK101 - Gasoline Range Organics	9/20/94	9/27/94	7 Days	9/27/94	0 Days
SW8260 - Volatile Organic Compounds	9/20/94 	NA 	NA	9/29/94	9 Days
Sample ID : G94-TB-09 TB					
KK101 - Gasoline Range Organics	9/25/94	10/1/94	6 Days	10/1/94	0 Days

## ATTACHMENT C - APPENDIX B

**Table A-4.2** 

Date Summary - 1994 Soil Samples

NALYTICAL METHOD		DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE Analyzed	ELAPSED TIME
ample ID : G94-01-HA-11-01	N					
STMD2216 - Modified		9/23/94	NA	NA	9/29/94	6 Days
W8280 - Dioxins and Furans		9/23/94	9/28/94		10/29/94	
W8280 - Dioxins and Furans		9/23/94			10/31/94	4 Days
ample ID : G94-01-HA-11-02	N					
STMD2216 - Modified		9/23/94	NA	NA	9/29/94	6 Days
W8280 - Dioxins and Furans		9/23/94	9/28/94		10/29/94	31 Days
W8280 - Dioxins and Furans		9/23/94	10/27/94 	34 Days	10/31/94	4 Days
ample ID : G94-01-HA-12-01	N					
STMD2216 - Modified		9/23/94	NA	NA		•
W8280 - Dioxins and Furans		9/23/94			10/29/94	-
W8280 - Dioxins and Furans		9/23/94	10/27/94 	34 Days	10/31/94	4 Days
ample ID : G94-01-HA-12-02	N					
STMD2216 - Modified		9/23/94	NA	NA	9/29/94	6 Days
W8280 - Dioxins and Furans		9/23/94			10/29/94	
W8280 - Dioxins and Furans		9/23/94	10/27/94 	34 Days 	10/31/94 	4 Days
ample ID : G94-01-HA-13-01	N					
STMD2216 - Modified		9/23/94	NA	NA	9/29/94	6 Days
W8280 - Dioxins and Furans		9/23/94	9/28/94	5 Days	10/29/94	31 Days
W8280 - Dioxins and Furans		9/23/94 	10/27/94 	34 Days 	10/31/94 	4 Days
ample ID : G94-01-HA-13-01	ND					
W8280 - Dioxins and Furans		9/23/94	9/28/94	5 Days	10/29/94	31 Days
W8280 - Dioxins and Furans		9/23/94		34 Days	10/31/94	4 Days
ample ID : G94-01-HA-13-02	N					
STMD2216 - Modified		9/23/94	NA		9/29/94	•
W8280 - Dioxins and Furans		9/23/94	9/28/94	-	10/29/94	
#8280 - Dioxins and Furans		9/23/94	10/27/94	34 Days	10/31/94	4 Days

Sample ID : G94-DD-SS-01 MS

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
			11MC	ANAL 12EU	11ME
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94 	16 Days
Sample ID : G94-DD-SS-01 MSD					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
•	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94 	9/28/94	4 Days	10/14/94	16 Days
Sample ID : G94-DD-SS-01 N					
AK101 - Gasoline Range Organics	9/24/94	9/28/94	4 Days	9/28/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94 	15 Days
Sample ID : G94-DD-SS-01 ND					
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
Sample ID : G94-DD-SS-02 N					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	10/4/94	7 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs 	9/24/94	9/28/94 	4 Days	10/13/94 	15 Days
Sample ID : G94-DD-SS-03 N					
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	10/1/94	4 Days
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME	
W8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days	
ample ID : G94-DD-SS-04 N						
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days	
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days	
ASTMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days	
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days	
SW8080 - Organochlorine Pesticides and PCBs 	9/24/94 	9/28/94 	4 Days	10/13/94 	15 Days	
sample ID : G94-DD-SS-05 N						
AK101 - Gasoline Range Organics	9/24/94	9/27/94	3 Days	9/27/94	0 Days	
AK102 - Diesel Range Organics	9/24/94	9/27/94	3 Days	9/29/94	2 Days	
STMD2216 - Modified	9/24/94	NA	NA	9/29/94	5 Days	
W8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/13/94	15 Days	
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days	
SW8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94	4 Days	10/14/94	16 Days	
W8080 - Organochlorine Pesticides and PCBs	9/24/94	9/28/94 	4 Days	10/13/94 	15 Days	
Sample ID : G94-MB-SS-01 MS						
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days	
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days	
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days	
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94 	9 Days	10/29/94 	23 Days	
Sample ID : G94-MB-SS-01 MSD						
W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days	
W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days	
W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days	
W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94 	9 Days	10/29/94 	23 Days	
ample ID : G94-MB-SS-01 N						
STMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days	
W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days	
W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/29/94	23 Days	
W8080 - Organochlorine Pesticides and PCBs W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days	
	9/27/94	10/6/94	9 Days	10/29/94	23 Days	

9/27/94

NA

NA

10/4/94

ASTMD2216 - Modified

7 Days

	DATE	DATE	ELAPSED	DATE	ELAPSED
ANALYTICAL METHOD	COLLECTED	PREPARED	TIME	ANALYZED	TIME
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94 	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-03 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-04 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-05 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
	9/27/94 9/27/94	NA 10/6/94	NA 9 Days	10/4/94 10/24/94	7 Days 18 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs					-
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94	10/6/94 10/6/94	9 Days 9 Days	10/24/94 10/30/94	18 Days 24 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94	10/6/94 10/6/94 10/6/94	9 Days 9 Days 9 Days	10/24/94 10/30/94 10/24/94	18 Days 24 Days 18 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94	10/6/94 10/6/94 10/6/94	9 Days 9 Days 9 Days	10/24/94 10/30/94 10/24/94	18 Days 24 Days 18 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94	10/6/94 10/6/94 10/6/94 10/6/94	9 Days 9 Days 9 Days 9 Days	10/24/94 10/30/94 10/24/94 10/30/94	18 Days 24 Days 18 Days 24 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94 	10/6/94 10/6/94 10/6/94 10/6/94	9 Days 9 Days 9 Days 9 Days NA	10/24/94 10/30/94 10/24/94 10/30/94	18 Days 24 Days 18 Days 24 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SAMPle ID : G94-MB-SS-05 ND ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94 	10/6/94 10/6/94 10/6/94 10/6/94 NA	9 Days 9 Days 9 Days 9 Days NA	10/24/94 10/30/94 10/24/94 10/30/94 	18 Days 24 Days 18 Days 24 Days 7 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94 9/27/94 9/27/94 9/27/94 9/27/94	10/6/94 10/6/94 10/6/94 10/6/94 NA NA 10/6/94	9 Days 9 Days 9 Days 9 Days NA NA 9 Days 9 Days	10/24/94 10/30/94 10/24/94 10/30/94 	18 Days 24 Days 18 Days 24 Days 7 Days 7 Days 18 Days 24 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SAMPle ID : G94-MB-SS-05 ND ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94 	10/6/94 10/6/94 10/6/94 10/6/94 NA NA 10/6/94 10/6/94	9 Days 9 Days 9 Days 9 Days NA NA 9 Days 9 Days 9 Days	10/24/94 10/30/94 10/24/94 10/30/94 	18 Days 24 Days 18 Days 24 Days 7 Days 7 Days 18 Days 24 Days 18 Days 18 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94 9/27/94 9/27/94 9/27/94 9/27/94	10/6/94 10/6/94 10/6/94 10/6/94 NA NA 10/6/94	9 Days 9 Days 9 Days 9 Days NA NA 9 Days 9 Days	10/24/94 10/30/94 10/24/94 10/30/94 	18 Days 24 Days 18 Days 24 Days 7 Days 7 Days 18 Days 24 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94 	10/6/94 10/6/94 10/6/94 10/6/94 NA NA 10/6/94 10/6/94	9 Days 9 Days 9 Days 9 Days NA NA 9 Days 9 Days 9 Days	10/24/94 10/30/94 10/24/94 10/30/94 	18 Days 24 Days 18 Days 24 Days  7 Days  7 Days  18 Days 24 Days  18 Days 18 Days 18 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94 9/27/94 9/27/94 	10/6/94 10/6/94 10/6/94 10/6/94 NA NA 10/6/94 10/6/94	9 Days 9 Days 9 Days 9 Days NA NA 9 Days 9 Days 9 Days	10/24/94 10/30/94 10/24/94 10/30/94 	18 Days 24 Days 18 Days 24 Days  7 Days  7 Days  18 Days 24 Days  18 Days 18 Days 18 Days

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate Compiled: 21 March 1995 FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

	DATE	DATE	ELAPSED	DATE	ELAPSED
ANALYTICAL METHOD	COLLECTED	PREPARED	TIME	ANALYZED	TIME
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94 	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-08 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-09 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-10 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94 	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-11 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/24/94	18 Days
W8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94 	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-12 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-13 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days

Compiled: 21 March 1995 N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate

FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94	10/6/94 10/6/94	9 Days 9 Days	10/30/94 10/30/94	24 Days 24 Days
Sample ID : G94-MB-SS-14 N			<b></b>		***************************************
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9/27/94 9/27/94	10/6/94 10/6/94	9 Days 9 Days	10/30/94 10/30/94	24 Days 24 Days
Sample ID : G94-MB-SS-15 N					
ASTMD2216 - Modified	9/27/94	NA	NA	10/4/94	7 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/27/94	10/6/94	9 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-16 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/6/94	8 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-17 N					·
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94 	8 Days	10/30/94	24 Days 
Sample ID : G94-MB-SS-18 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs 	9/28/94 	10/6/94 	8 Days	10/30/94	24 Days
Sample ID : G94-MB-SS-19 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
SW8080 - Organochlorine Pesticides and PCRs	9/28/94	10/6/94	8 Dave	10/25/04	10 Days

Compiled: 21 March 1995 N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate

FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

9/28/94

10/6/94

8 Days

10/25/94

SW8080 - Organochlorine Pesticides and PCBs

19 Days

ANALYTICAL METHOD	DATE COLLECTED	DATE Prepared	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/6/94 	8 Days	10/30/94 	24 Days
Sample ID : G94-MB-SS-20 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/30/94	24 Days
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/25/94	19 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/6/94 	8 Days	10/30/94 	24 Days 
Sample ID : G94-MB-SS-21 MS					
SW8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/6/94 	8 Days	10/23/94 	17 Days
Sample ID : G94-MB-SS-21 MSD					
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/6/94	8 Days	10/23/94 	17 Days
Sample ID : G94-MB-SS-21 N					
STMD2216 - Modified	9/28/94	NA ·	NA	10/4/94	6 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/23/94	17 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/6/94 	8 Days	10/23/94 	17 Days
Sample ID : G94-MB-SS-21 ND					
STMD2216 - Modified	9/28/94	NA 	NA 	10/4/94	6 Days
ample ID : G94-MB-SS-22 N					
ASTMD2216 - Modified	9/28/94	NA	NA	10/4/94	_
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days		
W8080 - Organochlorine Pesticides and PCBs	9/28/94 	10/6/94 	8 Days	10/24/94 	18 Days
Sample ID : G94-MB-SS-23 N			•		
STMD2216 - Modified	9/28/94	NA	NA	10/4/94	6 Days
W8080 - Organochlorine Pesticides and PCBs	9/28/94	10/6/94	8 Days	10/24/94	18 Days
or games and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contract and a contra			8 Days		

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-PO-SS-01 MS					•
AK101 - Gasoline Range Organics	9/23/94	10/1/94	8 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	10/1/94	4 Days
SW6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
SW8270 - Semivolatile Organics 	9/23/94	9/30/94	7 Days	10/4/94	4 Days
Sample ID : G94-P0-SS-01 MSD					
AK101 - Gasoline Range Organics	9/23/94	10/1/94	8 Days	10/1/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	10/1/94	4 Days
SW6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
SW8270 - Semivolatile Organics 	9/23/94	9/30/94	7 Days	10/4/94	4 Days
Sample ID : G94-P0-SS-01 N					
AK101 - Gasoline Range Organics	9/23/94	9/27/94	4 Days	9/27/94	0 Days
AK102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	9/29/94	2 Days
ASTMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
SW6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
SW8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
SW8270 - Semivolatile Organics 	9/23/94	9/30/94 	7 Days	10/4/94 	4 Days
Sample ID : G94-P0-SS-01 ND					
ASTMD2216 - Modified	9/23/94	NA 	NA	9/29/94	6 Days
Sample ID : G94-P0-SS-02 N			,		
AK101 - Gasoline Range Organics	9/23/94	9/27/94	4 Days	9/27/94	0 Days
K102 - Diesel Range Organics	9/23/94	9/27/94	4 Days	9/29/94	2 Days
STMD2216 - Modified	9/23/94	NA	NA	9/29/94	6 Days
W6010 - Metals	9/23/94	9/29/94	6 Days	10/5/94	6 Days
W8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
W8080 - Organochlorine Pesticides and PCBs	9/23/94	9/28/94	5 Days	10/13/94	15 Days
W8240 - Volatile Organics	9/23/94	NA	NA	10/4/94	11 Days
W8270 - Semivolatile Organics	9/23/94	9/30/94	7 Days	10/4/94	4 Days

## TABLE 4.2 DATE SUMMARY, SOIL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	DATE COLLECTED	DATE PREPARED	ELAPSED TIME	DATE ANALYZED	ELAPSED TIME
Sample ID : G94-P0-SS-02-EB EB					,
SW8240 - Volatile Organics	9/23/94	NA	NA 	10/4/94	11 Days
Sample ID : G94-TB-09 TB					
SW8240 - Volatile Organics	9/25/94	NA 	NA 	10/4/94	9 Days
Sample ID : G94-TB-11 TB					
SW8240 - Volatile Organics	9/25/94	NA	NA	10/4/94	9 Days

## ATTACHMENT C - APPENDIX B

**Table A-5.1** 

**Batch Summary - 1994 Water Samples** 

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID	
	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Sample ID : G94-01-HA-11-01-EB EB						
SW8280 - Dioxins and Furans	9409843-01A	MS5971410191143	01	SW8280 extraction	3520941005122000	
		i i i i i i i i i i i i i i i i i i i	i 	1		
Sample ID : G94-01-MW-01 N						
		GAL9409/13/94	10	МЕТНОД		
AKIOI - Gasoline Kange Organics	58/00- 3	58700A	01	Extraction method identified by analytical	58700	
				method.		
AK102 - Diesel Range Organics	58700- 3	587008	01	Extraction method	58700	
				identified by analytical method.		
E170.1 - Temperature	•	GAL9419/13/94	01	METHOD		
SW8080 - Organochlorine Pesticides and PCBs	d PCBs 9409494-06A	CHGC7A409281200	05	Separatory Funnel	3510940920113000	
				Liquid-Liquid Extraction		
SW8080 - Organochlorine Pesticides and PCBs	d PCBs 9409494-06A	CHGC78409281200	05	Separatory Funnel	3510940920113000	
				Liquid-Liquid Extraction		
t	9409493-04A	MSMSDB409221236	01	METHOD		
1	9409493-048	MSMSDB409221236	01	METHOD		
1		GAL9429/13/94	01	METHOD		
SW9050 - Specific Conductance		GAL9439/13/94	01	METHOD		
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1		
Sample ID : G94-01-MW-01-FD FD						
A403 - Alkalinity		GAL9409/13/94	01	METHOD		
AK101 - Gasoline Range Organics	58700- 4	58700A	01	Extraction method	58700	
				identified by analytical		
				method.		
AK102 - Diesel Range Organics	58700- 4	58700B	01	Extraction method	58700	
				identified by analytical		
			;	method.		
E170.1 - Temperature		GAL9419/13/94	01	METHOD		
Compiled: 21 March 1995	N = Normal Sample MS	= Matrix Spike	ISD = Mat	MSD = Matrix Spike Duplicate FD = Fi	FD = Field Duplicate	Pag
		_	uplicate			

		ANALYTICAL			PREPARATION
ANALYTICAL METHOD	FULL WO	BATCH 10		PREPARATION METHOD	BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409494-07A	CHGC7A409281200	05	Separatory Funnel	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-07A	CHGC7B409281200	05	Liquid-Liquid Extraction Separatory Funnel	3510940920113000
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409493-05A	MSMSDB409221236	0	МЕТНОО	
SW8260 - Volatile Organic Compounds	9409493-05B	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/13/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/13/94	01	МЕТНОВ	
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sample ID : G94-01-MW-02 N					
A403 - Alkalinity		GAL9409/13/94	01	METHOD	
AK101 - Gasoline Range Organics	58700- 1	58700A	01	Extraction method	58700
				identified by analytical	
				method.	
AK102 - Diesel Range Organics	58700- 1	58700B	01	Extraction method	58700
				identified by analytical	
				method.	
E170.1 - Temperature		GAL9419/13/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409494-04A	CHGC7A409281200	05	Separatory Funnel	3510940920113000
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409494-04A	CHGC7B409281200	05	Separatory Funnel	3510940920113000
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409493-02A	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/13/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/13/94	01	METHOD	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		 		
Sample ID : G94-01-MW-05 MS					
AK101 - Gasoline Range Organics	58700- 8	58700A	01	Extraction method	58700

FD = Field Duplicate N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate M = Trip Blank EB = Equipment Blank

Page 2

58700

identified by analytical

Extraction method

10

58700B

58700-8

AK102 - Diesel Range Organics

method.

identified by analytical

PREPARATION BATCH ID	3510940920113000	3510940920113000		, , , , , , , , , , , , , , , , , , ,	58700		58700		3510940920113000	000000000000000000000000000000000000000	3510940920113000				58700		58700			3510940920113000		3510940920113000	= Field Duplicate
PREPARATION METHOD	method.	Liquid-Liquid Extraction Separatory Funnel	Liquid-Liquid Extraction METHOD		Extraction method	dentified by analytical method.	Extraction method	identified by analytical method.	Separatory Funnel	Liquid-Liquid Extraction	Separatory Funnel Liquid-Liquid Extraction	METHOD		METHOD	Extraction method	identified by analytical method.	Extraction method	identified by analytical	METHOD	Separatory Funnel	Liquid-Liquid Extraction	Separatory Funnel	MSD = Matrix Spike Duplicate FD = F
	02	05	01	! ! ! !	01		01		05	ŝ	70	01		01	01		01		01	05		05	SD = M
ANALYTICAL BATCH ID	CHGC7A409281200	CHGC7B409281200	MSMSDB409221236	1	58700A		587008		CHGC7A409281200	000100001000	000103501500	MSMSDB409221236	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	GAL9409/13/94	58700A		587008		GAL9419/13/94	CHGC7A409281200		CHGC78409281200	= Matrix Spike
0	 4-02A	4-02A	3-07A	 	6		တ		4-03A	4-03A	¥00.	3-08A			2		22			4-01A		4-01A	AS.
FULL WO	9409494-024	9409494-02A	9409493-07A	1 1 5 4 4	58700-		58700-		9409494-03A	0400404-034	240343	9409493-08A			58700-		58700-			9409494-01A		9409494-01A	Sampl
ANALYTICAL METHOD	SW8080 - Organochlorine Pesticides and PCBs	SW8080 - Organochlorine Pesticides and PCBs	SW8260 - Volatile Organic Compounds	Sample ID : G94-01-MW-05 MSD	AK101 - Gasoline Range Organics		AK102 - Diesel Range Organics		SW8080 - Organochlorine Pesticides and PCBs	SUBDBO - Organichloring Doctivides and DCBs		SW8260 - Volatile Organic Compounds	Sample ID : G94-01-MW-05 N	A403 - Alkalinity	AK101 - Gasoline Range Organics		AK102 - Diesel Range Organics		E170.1 - Temperature	SW8080 - Organochlorine Pesticides and PCBs		SW8080 - Organochlorine Pesticides and PCBs	Compiled: 21 March 1995 N = Normal Sample

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Dupl EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8260 - Volatile Organic Compounds SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	9409493-01A	MSMSDB409221236 GAL9429/13/94 GAL9439/13/94	01 01 01	Liquid-Liquid Extraction METHOD METHOD METHOD	
Sample ID : G94-01-MW-06 N				·	
A403 - Alkalinity		GAL9409/16/94	01	МЕТНОО	
AK101 - Gasoline Range Organics	58710- 4	58710A	01	Extraction method	58710
				identified by analytical method.	
AK102 - Diesel Range Organics	58710- 4	587108	01	Extraction method	58710
				identified by analytical	
				method.	
E1/0.1 - lemperature		GAL9419/16/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-04A	CHGC7A410121200	01	Separatory Funnel	3510940921171500
:				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409657-04A	CHGC7B410121200	01	Separatory Funnel	3510940921171500
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409659-048	MSMSDB409221236	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-04A	MSMSDB409221236	01	METHOD	
SW9040 - pH Electrometric Measurement		GAL9429/16/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/16/94	01	METHOD	
Sample ID : G94-01-MW-07 N			! ! ! !		

A403 - Alkalinity AK101 - Gasoline Range Organics	58710- 1	GAL9409/17/94 58710A	01	METHOD Extraction method identified by analytical	58710
AK102 - Diesel Range Organics	58710- 1	587108	01	method. Extraction method identified by analytical	58710
E170.1 - Temperature	·	GAL9419/17/94 01	01	method. METHOD	

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate
EB = Equipment Blank ND = Analytical Duplicate = Trip Blank

FO = Field Duplicate

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409657-01A	CHGC7A410121200	10	Separatory Funnel	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-01A	CHGC7B410121200	01	Liquid-Liquid Extraction Separatory Funnel	3510940921171500
SW8260 - Volatile Organic Compounds SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	9409659-01A	MSMSDB409221236 GAL9429/17/94 GAL9439/17/94	01 01	METHOD METHOD METHOD	
Sample ID : G94-01-MW-08 N					
A403 - Alkalinity		GAL9409/16/94	01	METHOD	
AK101 - Gasoline Range Organics	58711- 1	58711A	01	Extraction method identified by analytical method.	58711
AK102 - Diesel Range Organics	58711- 1	587118	01	Extraction method identified by analytical	58711
E170.1 - Temperature SWROR0 - Organochlonine Pesticides and PCRs	9409657-064	GAL9419/16/94	15 15	METHOD Separatory Firms	0510040001171500
1	9409657-06A	CHGC78410121200	5 6	Separatory runner Liquid-Liquid Extraction Separatory Funnel	3510940321171500 3510940921171500
SWB260 - Volatile Organic Compounds SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	9409659-06A	MSMSDB409221236 GAL9429/16/94 GAL9439/16/94	01	Liquid-Liquid Extraction METHOD METHOD METHOD	
Sample ID : G94-02-GW-01 N	: : : : : : : : : : : : : : : : : : :				
A403 - Alkalinity AK101 - Gasoline Range Organics	58677- 6	GAL9409/07/94 58677A	010	METHOD Extraction method identified by analytical	58677
AK102 - Diesel Range Organics	58677- 6	586778	01	method.  Extraction method identified by analytical	58677

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate EB = Equipment Blank MD = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
************	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
E170 1 Townsondains			į	method.	
cı/u.ı - remperature		GAL9419/07/94	5	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-01A	CHGC6A409151200	05	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409338-01A	CHGC6B409151200	20	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409336-02A	MSMSDB409190828 01	01	METHOD	
SW8270 - Semivolatile Organics	9409337-02A	MSMSD1409210806	01	Continuous Liquid-Liquid	3520940912172000
				Extraction	
SW9040 - pH Electrometric Measurement		GAL9429/07/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/07/94	01	METHOD	

Sample ID : 694-02-6W-03 N

A403 - Alkaliniţy		GAL9409/07/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 4	58677A	01	Extraction method	58677
				identified by analytical	
				method.	
AK102 - Diesel Range Organics	58677- 4	586778	01	Extraction method	58677
				identified by analytical	
	,			method.	
E170.1 - Temperature		GAL9419/07/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-07A	CHGC6A409151200 02	05	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409338-07A	CHGC6B409151200 02	02	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409336-03A	MSMSDB409190828 01	01	METHOD	
SW8270 - Semivolatile Organics	9409337-08A	MSMSD1409210806	01	Continuous Liquid-Liquid	3520940912172000
				Extraction	
SW9040 - pH Electrometric Measurement		GAL9429/07/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/07/94	01	метнор	

Sample ID : 694-02-6W-04 N

Compiled: 21 March 1995

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate 3 = Trip Blank

	FULL WO	BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
A403 - Alkalinity AVIOI - Generation Operation F885	58577 - F	GAL9409/07/94	10 1	METHOD	L 10077
	6 - //0	9007.W	<b>.</b>	extraction method identified by analytical method.	//080
AK102 - Diesel Range Organics 586;	58677- 5	586778	10	Extraction method identified by analytical	58677
E170.1 - Temperature		GAL9419/07/94	01	method. METHOD	
spunc	9409336-01A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics 9400	9409337-01A	MSMSD1409210806	10	Continuous Liquid-Liquid Extraction	3520940912172000
SW9040 - pH Electrometric Measurement		GAL9429/07/94	01	METHOD	
SW9050 - Specific Conductance	; ; ; ; ; ;	GAL9439/07/94	01	METHOD	

Separatory Funnel	Liquid-Liquid Extraction Separatory Funnel	Liquid-Liquid Extraction
01	01	
CHGC7A410121200 01	CHGC78410121200 01	-
9409657-10A	9409657-10A	
SW8080 - Organochlorine Pesticides and PCBs	SW8080 - Organochlorine Pesticides and PCBs	

Sample ID : G94-04-MW-03 N

Sample ID : 694-02-GW-04R N

3510940921171500

3510940921171500

		1016940927090000	GD16940926080000	GD1G940927080000		
METHOD	METHOD	ICP Digestion	GFAA - Digestion	GFAA Digestion	METHOD	METHOD
10	01	03	05	01	2	10
GAL9409/16/94	GAL9419/16/94	EMJA61410051000	AAZ4_409280830	AAZ2_409271700	GAL9429/16/94	GAL9439/16/94
		9409658-01A	9409671-01A	9409671-01A		
A403 - Alkalinity	E170.1 - Temperature	SW6010 - Metals	SW7060 - Arsenic	SW7421 - Lead	SW9040 - pH Electrometric Measurement	SW9050 - Specific Conductance

Sample ID : G94-04-MW-03-02 MS

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9410011-02A 9410013-02A 9410013-02A	EMJA61410131845 01 AAZ4_410060850 01 AAZ2_410070920 02	ICP Digestion GFAA Digestion GFAA Digestion	1D1G941013080000 GD1G941005083000 GD1G941005083000
Sample ID : G94-04-MW-03-02 MSD				
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9410011-03A 9410013-03A 9410013-03A	EMJA61410131845 01 AAZ4_410060850 01 AAZ2_410070920 02	ICP Digestion GFAA Digestion GFAA Digestion	1D1G941013080000 GD1G941005083000 GD1G941005083000
Sample ID : G94-04-MW-03-02 N				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9410011-01A 9410013-01A 9410013-01A	EMJA61410131845 01 AAZ4_410060850 01 AAZ2_410070920 02	ICP Digestion GFAA Digestion GFAA Digestion	IDIG941013080000 GDIG941005083000 GDIG941005083000
Sample ID : 694-04-MW-03-02 PS				
SW7060 - Arsenic SW7421 - Lead	9410013-01A 9410013-01A	AAZ4_410060850 01 AAZ2_410070920 02	GFAA Digestion GFAA Digestion	GDIG941005083000 GDIG941005083000
Sample ID : G94-04-MW-03D MS				
SW7060 - Arsenic	9409671-03A	AAZ4409280830 02	GFAA - Digestion	6016940926080000
Sample ID : 694-04-MW-03D MSD				
SW7060 - Arsenic	9409671-04A	AAZ4_409280830 02	GFAA - Digestion	6D1G940926080000
				\$ ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
1   1   1   1   1   1   1   1   1   1	i i i i i	1 1 1 1 1 1		
Sample ID : G94-04-MW-03D N				
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9409658-02A 9409671-02A 9409671-02A	EMJA61410051000 (AAZ4_409280830 (AAZ72 409280830 (AAZ72 409280830 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 409271700 (AAZ72 4	03 ICP Digestion 02 GFAA - Digestion 01 GFAA Digestion	IDIG940927090000 GDIG940926080000 GDIG940927080000
į		-	 	
Sample ID : G94-04-MW-03D PS				
SW7060 - Arsenic	9409671-02A	AAZ4409280830 (	02 GFAA - Digestion	GD1G940926080000
Sample ID : G94-05-MW-02 N				
A403 - Alkalinity		GAL9409/20/94	01 METHOD	
AK101 - Gasoline Range Organics	58738- 1	58738A	01 Extraction method	58738
			identified by analytical method.	
AK102 - Diesel Range Organics	58738- 1	587388	01 Extraction method	58738
•				
			method.	
E170.1 - Temperature		GAL9419/20/94	01 METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-13A	CHGC6A410051200	04 Separatory Funnel	3510940926135000
and has achiestand animal demand noted	401 00000			
משמים ביים משומכווים ווים ובסביכותנט מות בכוני	401-00060+6	00710001	of separatory runner	3510340326135000
SW8260 - Volatile Organic Compounds	9409809-01B	MSMSDB409291513	Liquid-Liquid extraction	
SW8260 - Volatile Organic Compounds	9409809-01A			
SW8270 - Semivolatile Organics	9409805-13A	MSMSD1409270802	02 Separatory Funnel	3510940926101500
			Liquid-Liquid Extraction	
1		GAL9429/20/94	01 METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01 METHOD	
1	: : : : : : : : : : : : : : : : : : : :		1	

PREPARATION BATCH ID			58738			58738			3510940926135000		3510940926135000			3510940926101500							58738		58738			3510940926135000	3510940926135000	
PREPARATION METHOD .		METHOD	Extraction method	identified by analytical	method.	Extraction method	method.	METHOD	Separatory Funnel	Liquid-Liquid Extraction	Separatory Funnel	Liquid-Liquid Extraction	METHOD	Separatory Funnel	Liquid-Liquid Extraction	METHOD	METHOD			METHOD	Extraction method	identified by analytical method.	Extraction method	identified by analytical method.	METHOD	Separatory Funnel	Liquid-Liquid Extraction Separatory Funnel	Liquid-Liquid Extraction
		01	01			01		01	04		04		01	05		01	01			01	01		01		01	04	04	
ANALYTICAL BATCH ID		GAL9409/20/94	58738A			587388		GAL9419/20/94	CHGC6A410051200		CHGC6B410051200		MSMSDB409291513	MSMSD2409270802		GAL9429/20/94	GAL9439/20/94	; 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		GAL9409/20/94	58738A		58738B		GAL9419/20/94	CHGC6A410051200	CHGC6B410051200	
FULL WO			58738- 2			58738- 2			9409806-14A		9409806-14A		9409809-02A	9409805-14A							58738- 3		58738- 3			9409806-04A	9409806-04A	
ANALYTICAL METHOD	Sample ID : G94-05-MW-02-FD FD	A403 - Alkalinity	AK101 - Gasoline Range Organics			AKIUZ – Diesel Kange Urganics		E170.1 - Temperature	SW8080 - Organochlorine Pesticides and PCBs		SW8080 - Organochlorine Pesticides and PCBs			SW8270 - Semivolatile Organics		1	SW9050 - Specific Conductance		Sample ID : G94-05-MW-03 N	A403 - Alkalinity	AK101 - Gasoline Range Organics		AK102 - Diesel Range Organics		E170.1 - Temperature	SW8080 - Organochlorine Pesticides and PCBs	SW8080 - Organochlorine Pesticides and PCBs	

FD = Field Duplicate 

Page 10

SWB260 - Volatile Organic Compounds         9409809-038 (MSKSDB409291513 01 MCTH00         MCTH00         MCTH00           SWB260 - Volatile Organic Compounds         9409809-038 (MSKSDB409291513 01 MCTH00         MCTH00         MCTH00           SWB260 - Volatile Organic Compounds         9409809-036 (MSKSDB409291513 01 MCTH00         MCTH00         MCTH00           SWB260 - Volatile Organic Compounds         9409809-036 (MSKSDB409291513 01 MCTH00         MCTH00         MCTH00           SWB260 - PM Electrometric Measurement         6419439/20/94 01 MCTH00         MCTH00         MCTH00           SWB060 - DM Electrometric Measurement         6419439/20/94 01 MCTH00         MCTH00         MCTH00           SAM03 - Alkalinity         AM3 - Alkalinity         MCTH00         MCTH00         MCTH00           AK101 - Gasoline Range Organics         58738- 6 59738- 6 59738- 01 MCTH00         MCTH00         MCTH00         SR738           AK102 - Diesel Range Organics         58738- 6 59738- 6 59738- 01 MCTH00         58738- 01 MCTH00         MCTH00         SR738           SWB000 - Organochlorine Pesticides and PCBs         9409806-12A CHGC68410051200 04 Separatory Fumel         MCTH00         MCTH00           SWB200 - Volatile Organic Compounds         9409806-12A MCK9DB409301814 01 MCTH00         MCTH00         MCTH00           SWB200 - Volatile Organic Compounds         9409806-12A MCK9DB409	ANALYTICAL METHOD	FULL WO	BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
6AL9429/20/94 01 METHOD GAL9439/20/94 01 METHOD GAL9409/20/94 01 METHOD SB738- 6 58738A 01 Extraction method identified by analytical method.  58738- 6 58738B 01 Extraction method identified by analytical method. GAL9419/20/94 01 METHOD method identified by analytical method. GAL9419/20/94 01 Extraction method identified by analytical method. GAL9419/20/94 01 Extraction method identified by analytical method. GAL9419/20/94 01 Extraction method identified by analytical method. GAL9419/20/94 01 Extraction method. Identified by analytical method. GAL9419/20/94 01 METHOD Separatory Funnel Liquid-Liquid Extraction 9409809-06C MSMSDB409201513 01 METHOD 9409809-06C MSMSDB409201513 01 METHOD 9409805-12A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Separatory Funnel		9409809-03A 9409809-03B 9409809-03C	MSMSDB409291513 MSMSDB409291513 MSMSDB409291513 MSMSD2409270802	01 01 02	METHOD METHOD METHOD Separatory Funnel	3510940926101500
6A19409/20/94 01 METHOD 58738- 6 58738A 0.1 Extraction method identified by analytical method. 58738- 6 58738B 0.1 Extraction method identified by analytical method. 6A19419/20/94 0.1 Extraction method identified by analytical method. 6A19419/20/94 0.1 METHOD method identified by analytical method. 6A19419/20/94 0.1 METHOD itquid Extraction method identified by analytical method. 6A19419/20/94 0.1 METHOD itquid Extraction method identified by analytical method. 6A19419/20/94 0.1 METHOD itquid Extraction method identified by analytical method. 6A19419/20/94 0.1 METHOD itquid Extraction method identified by analytical method. 6A19419/20/94 0.1 METHOD itquid Extraction method identified by analytical method. 6A19419/20/94 0.1 METHOD itquid Extraction method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method i	SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/20/94 GAL9439/20/94	01	METHOD	
6AL9409/20/94 01 METHOD 58738- 6 58738A 01 Extraction method identified by analytical method. 58738- 6 58738B 01 Extraction method identified by analytical method. 6AL9419/20/94 01 Extraction method identified by analytical method. CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel METHOD 9409809-06C MSMSDB409291513 01 METHOD 9409805-12A MSMSDB409201814 01 METHOD 9409805-12A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel						
58738- 6         58738A         01         Extraction method identified by analytical method.           58738- 6         58738B         01         Extraction method identified by analytical method.           and PCBs         9409806-12A         CHGC6A410051200         04         Separatory Funnel Liquid Extraction           and PCBs         9409806-12A         CHGC6B410051200         04         Separatory Funnel Liquid Extraction           9409809-06B         MSMSDB409291513         01         METHOD           9409809-06C         MSMSDB409291513         01         METHOD           9409805-12A         MSSMSDB409201613         01         METHOD           9409805-12A         MSSMSD1409270802         02         Separatory Funnel Liquid Extraction           9409805-12A         MSSMSD1409270802         02         Separatory Funnel Liquid Extraction           9409805-12A         MSSMSD1409280819         01         Separatory Funnel Separatory Funnel Separatory Funnel	A403 - Alkalinity		GAL9409/20/94	01	METHOD	
method.  58738- 6 58738B 01 Extraction method identified by analytical method.  GAL9419/20/94 01 METHOD method.  GAL9419/20/94 01 METHOD  ANGRES 9409806-12A CHGC68410051200 04 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel METHOD 9409809-06C MSMSDB409291513 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Separatory Funnel Separatory Funnel	AK101 - Gasoline Range Organics		58738A	01	Extraction method identified by analytical	58738
58738- 6 58738B 01 Extraction method identified by analytical method.  GAL9419/20/94 01 METHOD  and PCBs 9409806-12A CHGC6A410051200 04 Separatory Funnel  Liquid-Liquid Extraction Separatory Funnel  Liquid-Liquid Extraction HETHOD SHO9809-06C MSMSDB409291513 01 METHOD 9409809-06C MSMSDB409291513 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel  Liquid-Liquid Extraction METHOD 9409805-12A MSMSD1409280819 01 Separatory Funnel					method.	
and PCBs 9409806-12A CHGC6A410051200 04 Separatory Funnel and PCBs 9409806-12A CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-06C MSMSDB409291513 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-12A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel	AK102 - Diesel Range Organics		587388	01	Extraction method	58738
### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### CHGC6B410051200 04 Separatory Funnel  ### Liquid-Liquid Extraction  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### METHOD  ### ME					identified by analytical	
6AL9419/20/94 01 METHOD and PCBs 9409806-12A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel METHOD 9409809-06B MSMSDB409291513 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-12A MSMSD1409280819 01 Separatory Funnel					method.	
and PCBs 9409806-12A CHGC6A410051200 04 Separatory Funnel  Liquid-Liquid Extraction  Liquid-Liquid Extraction  Liquid-Liquid Extraction  CHGC6B410051200 04 Separatory Funnel  Liquid-Liquid Extraction  S409809-06B MSMSDB409291513 01 METHOD  9409809-06C MSMSDB409301814 01 METHOD  9409805-12A MSMSD1409270802 02 Separatory Funnel  Liquid-Liquid Extraction  S409805-12A MSMSD1409280819 01 Separatory Funnel			GAL9419/20/94	01	METHOD	
and PCBs 9409806-12A CHGC6B410051200 04 Separatory Funnel 9409809-06B MSMSDB409291513 01 METHOD 9409809-06C MSMSDB409301814 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-12A MSMSD1409280819 01 Separatory Funnel		9409806-12A	CHGC6A410051200	8	Separatory Funnel	3510940926135000
and PCBs 9409806-12A CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-06B MSMSDB409291513 01 METHOD 9409809-06C MSMSDB409301814 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-12A MSMSD1409280819 01 Separatory Funnel					Liquid-Liquid Extraction	
9409809-06B MSMSDB409291513 01 METHOD 9409809-06C MSMSDB409301814 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-12A MSMSD1409280819 01 Separatory Funnel		9409806-12A	CHGC6B410051200	04	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
9409809-06C MSMSD1409301814 01 METHOD 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-12A MSMSD1409280819 01 Separatory Funnel		9409809-06B	MSMSDB409291513	01	METHOD	
Semivolatile Organics 9409805-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction Semivolatile Organics 9409805-12A MSMSD1409280819 01 Separatory Funnel		9409809-06C	MSMSDB409301814	10	METHOD	
Liquid-Liquid Extraction Semivolatile Organics 9409805-12A MSMSD1409280819 01 Separatory Funnel	- Semivolatile Organics	9409805-12A	MSMSD1409270802	20	Separatory Funnel	3510940926101500
Semivolatile Organics 9409805-12A MSMSD1409280819 01 Separatory Funnel					Liquid-Liquid Extraction	
	Semivolatile Organics	9409805-12A	MSMSD1409280819	01	Separatory Funnel	3510940926101500
					Liquid-Liquid Extraction	
SW9040 - pH Electrometric Measurement GAL9429/20/94 01 METHOD	3W9040 - pH Electrometric Measurement		GAL9429/20/94	01	METHOD	
SW9050 - Specific Conductance GAL9439/20/94 01 METHOD			GAL9439/20/94	01	METHOD	

Sample ID : G94-05-MW-05 N

Compiled: 21 March 1995

A403 - Alkalinity

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

METHOD

01

GAL9409/20/94

FD = Field Duplicate

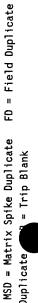
ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
AK101 - Gasoline Range Organics	58738- 4	58738A	01	Extraction method identified by analytical	58738
AK102 - Diesel Range Organics	58738- 4	58738B	01	method. Extraction method identified by analytical	58738
E170.1 - Temperature		GAL9419/20/94	01	method. METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-05A	CHGC6A410051200	04	Separatory Funnel	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-05A	CHGC6B410051200	04	Separatory Funnel	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-04A	MSMSDB409291513	01	Liquid-Liquid Extraction METHOD	
SW8260 - Volatile Organic Compounds	9409809-04C	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409809-048	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-05A	MSMSD1409270802	05	Separatory Funnel	3510940926101500
				Liquid-Liquid Extraction	
SW8270 - Semivolatile Organics	9409805-05A	MSMSD1409280819	01	Separatory Funnel	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	01	Liquid-Liquid Extraction METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	МЕТНОО	
	. 1				

Sample ID : 694-05-MW-06 N

58684	58684		3510940915181500	3510940915181500
METHOD Extraction method	identified by analytical method.  Extraction method	deficient of analytical method.	Separatory Funnel Liquid-Liquid Extraction	Separatory Funnel
01	01	01	01	01
GAL9409/11/94 58684A	586848	GAL9419/11/94	CHGC6A409261200	CHGC6B409261200
58684- 2	58684- 2		9409388-01A	9409388-01A
A403 - Alkalinity AK101 - Gasoline Range Organics	AK102 - Diesel Range Organics	E170.1 - Temperature	SW8080 - Organochlorine Pesticides and PCBs	SW8080 - Organochlorine Pesticides and PCBs

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate 3 = Trip Blank

Compiled: 21 March 1995



Liquid-Liquid Extraction

		ANALYTICAL			PREPARATION
ANALYTICAL METHOD	FULL WO	BATCH ID		PREPARATION METHOD	BATCH ID
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409386-01A 9409387-01A	MSMSDB409221236 MSMSD2409210757	01	METHOD Continuous Liquid-Liquid	3520940915130000
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	3 1 1 1 1 1 1 2 8 8 8	GAL9429/11/94 GAL9439/11/94	01	EXTRACTION . METHOD METHOD	
Sample ID : G94-05-MW-07 N					
A403 - Alkalinity		GAL9409/20/94	01	METHOD	
AK101 - Gasoline Range Organics	58738- 5	58738A	01	Extraction method identified by analytical method	58738
AK102 - Diesel Range Organics	58738- 5	58738B	01	Extraction method identified by analytical	58738
E170.1 - Temperature		GAL9419/20/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409806-11A	CHGC6A410051200	04	Separatory Funnel	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-11A	CHGC6B410051200	04	Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-05A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds SW8260 - Volatile Organic Compounds	9409809-05B 9409809-05C	MSMSDB409291513	5 5	METHOD	
	9409805-11A	MSMSD1409270802	70	Separatory Funnel	3510940926101500
SW8270 - Semivolatile Organics	9409805-11A	MSMSD1409280819	01	Liquid-Liquid Extraction Separatory Funnel	3510940926101500
SW9040 - pH Electrometric Measurement		GAL9429/20/94	10	Liquid-Liquid extraction METHOD	
SW9050 - Specific Conductance		GAL9439/20/94	01	МЕТНОО	

Sample ID : G94-05-MW-11 N

FD = Field Duplicate 58738 Extraction method METHOD 0 0 GAL9409/19/94 58738A 58738- 7 AK101 - Gasoline Range Organics Compiled: 21 March 1995 A403 - Alkalinity

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate F EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
AK102 - Diesel Range Organics	58738- 7	587388	01	identified by analytical method.  Extraction method identified by analytical	58738
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCBs	9409806-08A	GAL9419/19/94 CHGC6A410051200	01	method. METHOD Separatory Funnel	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-08A	CHGC6B410051200	04	Liquid-Liquid Extraction Separatory Funnel	3510940926135000
SW8260 - Volatile Organic Compounds	9409809-07A	MSMSDB409291513	01	Liquid-Liquid Extraction METHOD	
SW8270 - Semivolatile Organics	9409805-09A	MSMSD1409270802	20	Separatory Funnel	3510940926101500
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/19/94 GAL9439/19/94	01	Liquid-Liquid Extraction METHOD METHOD	
Sample ID : G94-05-MW-13 N				·	
A403 - Alkalinity AK101 - Gasoline Pande Ordanise	60700	GAL9409/13/94	. 10	METHOD	
ANTOT - dasolille ralige offices	2 -00/86	587 00A	01	Extraction method identified by analytical	58700
AK102 - Diesel Range Organics	58700- 2	587008	01	Extraction method	58700
E170.1 - Temperature		GAL9419/13/94	01	identilled by analytical method. METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409494-05A	CHGC7A409281200	05	Separatory Funnel	3510940920113000
SW8080 - Organochlorine Pesticides and PCBs	9409494-05A	CHGC78409281200	02	Liquid-Liquid Extraction Separatory Funnel	3510940920113000
1	9409493-03A	MSMSDB409221236	01	Liquid-Liquid Extraction METHOD	
SW8Z/U - Semivolatile Organics	9409495-01A	MSMSD2409220827	01	Separatory Funnel	3510940919101500
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/13/94	10 5	Liquid-Liquid Extraction METHOD	
١		GAL9439/13/94	10	METHOD	

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate T8 = Trip Blank



ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-05-MW-14 N					
A403 - Alkalinity AK101 - Gasoline Range Organics	58738- 8	GAL9409/19/94 58738A	01	METHOD Extraction method identified by analytical	58738
AK102 - Diesel Range Organics	58738- 8	58738B	01	Extraction method identified by analytical	58738
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCBs	9409806-09A	GAL9419/19/94 CHGC6A410051200	01	METHOD Separatory Funnel	3510940926135000
SW8080 - Organochlorine Pesticides and PCBs	9409806-09A	CHGC68410051200	40	Separatory Funnel Liquid-Liquid Extraction	3510940926135000
SW8260 - Volatile Organic Compounds SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	9409809-08A 9409809-08B 9409805-10A	MSMSDB409291513 MSMSDB409291513 MSMSD1409270802 GAL9429/19/94 GAL9439/19/94	01 02 01 01	METHOD METHOD Separatory Funnel Liquid-Liquid Extraction METHOD METHOD	3510940926101500
Sample ID : G94-05-MW-15 N					
A403 - Alkalinity AK101 - Gasoline Range Organics	58738- 9	GAL9409/19/94 58738A	01	METHOD Extraction method identified by analytical	58738
AK102 - Diesel Range Organics	58738- 9	58738B	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCBs	9409806-10A	GAL9419/19/94 CHGC6A410051200	00	METHOD Separatory Funnel Liquid-Liquid Extraction	3510940926135000

FD = Field Duplicate N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409806~10A	CHGC6B410051200	40	Separatory Funnel	3510940926135000
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409809-09A 9409805-06A	MSMSDB409291513 MSMSD1409270802	01	Liquid-Liquid Extraction METHOD Separatory Funnel	3510940926101500
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/19/94 GAL9439/19/94	01	Liquid-Liquid Extraction METHOD METHOD	
Sample ID : G94-06-MW-01 N			† 		
A403 - Alkalinity		GAL9409/17/94	01	METHOD	
AK101 - Gasoline Range Organics	58710- 3	58710A	01	Extraction method	58710
				<pre>identified by analytical method.</pre>	
AK102 - Diesel Range Organics	58710- 3	587108	01	Extraction method	58710
				identified by analytical method.	
E170.1 - Temperature		GAL9419/17/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-03A	CHGC7A410121200	01	Separatory Funnel	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-03A	CHGC78410121200	5	Liquid-Liquid Extraction Senaratory Funel	3510040031171500
			;	Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409659-030	MSMSDB409291513	01	METHOD	
	9409659-03A	MSMSDB409291513	01	METHOD	
ı	9409659-038	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409656-02A	MSMSD1409260833	05	Continuous Liquid-Liquid	3520940921163000
				Extraction	
		GAL9429/17/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/17/94	01	METHOD	
			1 1 1 1 1	- 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	

Sample ID : G94-06-MW-02 MS

FD = Field Duplicate Extraction method identified by analytical N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate = Trip Blank 0 58684A 58684-8 AK101 - Gasoline Range Organics Compiled: 21 March 1995

58684

AND LATER AND AND AND AND AND AND AND AND AND AND		ANALYTICAL		PREPARATION
ANALY 1 LCAL ME I HOD	FULL W0	BAICH ID	PREPARATION METHOD	BATCH ID
AK102 - Diesel Range Organics	58684- 8	586848 01	method.  Extraction method  identified by analytical	58684
SW8080 - Organochlorine Pesticides and PCBs	9409388-10A	CHGC6A409261200 01	Method. Separatory Funnel Iimid-liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-10A	CHGC6B409261200 01	Separatory Funnel	3510940915181500
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409386-11A 9409387-10A	MSMSDB409221236 01 MSMSD2409210757 01	Liquid-Liquid Extraction METHOD Continuous Liquid-Liquid Extraction	3520940915130000
Sample ID : G94-06-MW-02 MSD				
AK101 - Gasoline Range Organics	58684- 9	58684A 01	Extraction method identified by analytical	58684
AK102 - Diesel Range Organics	58684-9	586848 01	method.  Extraction method identified by analytical	58684
SW8080 - Organochlorine Pesticides and PCBs	9409388-11A	CHGC6A409261200 01	Method. Separatory Funnel	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-11A	СНGC6B409261200 01	Separatory Funnel	3510940915181500
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409386-12A 9409387-11A	MSMSDB409221236 01 MSMSD2409210757 01	METHOD Continuous Liquid-Liquid Extraction	3520940915130000

Sample ID : G94-06-MW-02 N

Extraction method METHOD 20 10 GAL9409/12/94 58684A 58684- 4 AK101 - Gasoline Range Organics A403 - Alkalinity

Extraction method 58684 identified by analytical method.

Compiled: 21 March 1995 N = Normal Sample MS = M E8 = Equipment Blank ND

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
AK102 - Diesel Range Organics	58684- 4	586848	01	Extraction method identified by analytical	58684
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCBs	9409388-09A	GAL9419/12/94 CHGC6A409261200	01	metnod. METHOD Separatory Funnel	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-09A	CHGC6B409261200	01	Separatory Funnel	3510940915181500
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409386-10A 9409387-09A	MSMSDB409221236 MSMSD2409210757	01	Elquid-Liquid Extraction METHOD Continuous Liquid-Liquid	3520940915130000
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/12/94 GAL9439/12/94	01	Extraction METHOD METHOD	
Sample ID : G94-06-MW-03 MS					
AK101 - Gasoline Range Organics	58677-10	58677A	01	Extraction method identified by analytical	58677
AK102 - Diesel Range Organics	58677-10	58677B	01	Extraction method identified by analytical method.	58677
SW8080 - Organochlorine Pesticides and PCBs	9409338-03A	CHGC6A409151200	05	Separatory Funnel	3510940913132500
SW8080 - Organochlorine Pesticides and PCBs	9409338-03A	CHGC6B409151200	05	Separatory Funnel	3510940913132500
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409336-05A 9409337-04A	MSMSDB409190828 MSMSD1409210806	01	METHOD Continuous Liquid-Liquid Extraction	3520940912172000

Sample ID : G94-06-MW-03 MSD

ytical	F0 = F1
Extraction method identified by analytical	W = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Fi
01	WSD =
58677A	MS = Matrix Spike
58677-11	N = Normal Sample
AK101 - Gasoline Range Organics	Compiled: 21 March 1995

Field Duplicate 8 = Trip Blank EB = Equipment Blank ND = Analytical Duplicate

58677

PREPARATION BATCH ID	58677 3510940913132500	3510940913132500 3520940912172000		58677	58677	3510940913132500	3510940913132500	3520940912172000
PREPARATION METHOD		Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction METHOD Continuous Liquid-Liquid Extraction	METHOD	Extraction method 5. identified by analytical method.	ion method ied by analytical	raction	Separatory Funnel Liquid-Liquid Extraction METHOD	ious Liquid-Liquid ion
	01 02	02 01	01	01	10 5	02	02	10 10
ANALYTICAL BATCH ID	58677B CHGC6A409151200	CHGC6B409151200 MSMSDB409190828 MSMSD1409210806	GAL9409/08/94	58677A	586778	CHGC6A409151200	CHGC6B409151200 MSMSDB409190828	MSMSD1409210806 GAL9429/08/94
FULL WO	58677-11 9409338-04A	9409338-04A 9409336-06A 9409337-05A		58677- 1	58677- 1	9409338-02A	9409338-02A 9409336-04A	9409337-03A
ANALYTICAL METHOD	AK102 - Diesel Range Organics SW8080 - Organochlorine Pesticides and PCBs	SW8080 - Organochlorine Pesticides and PCBs SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	Sample ID : G94-06-MW-03 N A403 - Alkalinity	AK101 - Gasoline Range Organics	AK102 - Diesel Range Organics	SW8080 - Organochlorine Pesticides and PCBs	SW8080 - Organochlorine Pesticides and PCBs SW8260 - Volatile Organic Compounds	SW8270 - Semivolatile Organics SW9040 - pH Electrometric Measurement

Sample ID : G94-06-MW-03-FD FD

Compiled: 21 March 1995

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 GAL9409/08/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 2	58677A	. 10	Extraction method	58677
				identified by analytical method.	
AK102 - Diesel Range Organics	58677- 2	586778	01	Extraction method	58677
				identified by analytical	
				method.	
E170.1 ~ Temperature		GAL9419/08/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-05A	CHGC6A409151200	02	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409338-05A	CHGC6B409151200	02	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409336-07A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409337-06A	MSMSD1409210806	01	Continuous Liquid-Liquid	3520940912172000
				Extraction	
SW9040 - pH Electrometric Measurement		GAL9429/08/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/08/94	01	METHOD	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Sample ID : G94-06-MW-04 N					
A403 - Alkalinity		GAL9409/18/94	01	METHOD	
AK101 - Gasoline Range Organics	58711- 2	58711A	01	Extraction method	58711
				identified by analytical	
				method.	
AK102 - Diesel Range Organics	58711- 2	587118	01	Extraction method	58711
				identified by analytical	
				method.	
E170.1 - Temperature		GAL9419/18/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409657-07A	CHGC7A410121200	01	Separatory Funnel	3510940921171500
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409657-07A	CHGC78410121200	01	Separatory Funnel	3510940921171500
				Liquid-Liquid Extraction	
	9409659-07A	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-078	MSMSDB409291513	01	METHOD	
SW8260 - Volatile Organic Compounds	9409659-07C	MSMSDB409291513	01	METHOD	

FD = Field Duplicate N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate 8 = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8270 - Semivolatile Organics	9409656-04A	MSMSD1409260833	05	Continuous Liquid-Liquid	3520940921163000
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/18/94 GAL9439/18/94	01	EXCRACTION METHOD METHOD	
Sample ID : G94-06-MW-05 N					
A403 - Alkalinity AK101 - Gasoline Range Organics	58684- 5	GAL9409/12/94 58684A	10 01	METHOD Extraction method identified by analytical	58684
AK102 - Diesel Range Organics	58684~ 5	586848	01	Extraction method identified by analytical	58684
E170.1 - Temperature		GAL9419/12/94	01	METHOD	
1	9409389-01A	EMJA61410051000	01	ICP Digestion	IDIG940919080000
1	9409423-01A	AAZ3_409191721	01	GFAA Digestion	GDIG940919080000
1	9409423-01A	AAZ1_409191700	01	GFAA Digestion	GDIG940919080000
SW8080 - Organochlorine Pesticides and PCBs	9409388-12A	CHGC6A409261200	10	Separatory Funnel	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-12A	CHGC6B409261200	10	Liquid-Liquid Extraction Separatory Funnel	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-13A	MSMSDB409221236	10	Liquid-Liquid Extraction METHOD	
SW8270 - Semivolatile Organics	9409387-12A	MSMSD2409210757	01	Continuous Liquid-Liquid	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/12/94	01	Extraction METHOD	
SW9050 - Specific Conductance		GAL9439/12/94	01	METHOD	
Sample ID : G94-06-MW-05D MS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1		
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9409389-03A 9409423-03A 9409423-03A	EMJA61410051000 AAZ3_409191721 AAZ1_409191700	010	ICP Digestion GFAA Digestion GFAA Digestion	IDI6940919080000 GDI6940919080000
į		MA. 1	;	בות אות המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשפח המשמח המשפח המשפח המשפח המשפח המשפח המשמח המשפח המשפח המשפח המשפח המשמח המשמח המשמח המשמח המשמח המשמח המשמח המשמח המשמח המשמח המשמ	00100400400400

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-06-MW-05D MSD				
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9409389-04A 9409423-04A 9409423-04A	EMJA61410051000 01 AAZ3_409191721 01 AAZ1_409191700 01	1 ICP Digestion 1 GFAA Digestion 1 GFAA Digestion	IDIG940919080000 GDIG940919080000 GDIG940919080000
Sample ID : G94-06-MW-05D N			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
SW6010 - Metals SW7060 - Arsenic SW7421 - Lead	9409389-02A 9409423-02A 9409423-02A	EMJA61410051000 01 AAZ3_409191721 01 AAZ1_409191700 01	1 ICP Digestion 1 GFAA Digestion 1 GFAA Digestion	IDIG940919080000 GDIG940919080000 GDIG940919080000
Sample ID : G94-06-MW-05D PS				
SW7421 - Lead	9409423-02A 9409423-02A	AAZ3409191721 01 AAZ1409191700 01	l GFAA Digestion l GFAA Digestion	GDIG940919080000 GDIG940919080000
Sample ID : G94-06-MW-06 N				
A403 - Alkalinity AK101 - Gasoline Range Organics	58684- 6	GAL9409/12/94 01 58684A 01		58684
AK102 - Diesel Range Organics	58684- 6	586848 01	<pre>method. Extraction method identified by analytical</pre>	58684
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCBs	9409388-13A	GAL9419/12/94 01 CHGC6A409261200 01		3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-13A	CHGC6B409261200 01	Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-14A	MSMSDB409221236 01	_	
Compiled: 21 March 1995 N = Norma	N = Normal Sample MS = EB = Equipment Blank N	= Matrix Spike MSD = Mat ND = Analytical Duplicate	trix Spike Duplicate FD	= Field Duplicate Page 22

FD = Field Duplicate

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8270 - Semivolatile Organics	9409387-13A	MSMSD2409210757	01	Continuous Liquid-Liquid	3520940915130000
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/12/94 GAL9439/12/94	01	Extraction METHOD METHOD	
Sample ID : G94-06-MW-07 N					
A403 - Alkalinity AK101 - Gasoline Range Organics	58710- 5	GAL9409/16/94 58710A	01	METHOD Extraction method identified by analytical	58710
AK102 - Diesel Range Organics	58710- 5	587108	01	method. Extraction method identified by analytical	58710
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCBs	9409657-05A	GAL9419/16/94 CHGC7A410121200	01	method. METHOD Separatory Funnel	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-05A	CHGC7B410121200	01	Liquid-Liquid Extraction Separatory Funnel	3510940921171500
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409659-05A 9409656-03A	MSMSDB409221236 MSMSD1409260833	01	Liquid-Liquid Extraction METHOD Continuous Liquid-Liquid	3520940921163000
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/16/94 GAL9439/16/94	01	Extraction METHOD METHOD	
Sample ID : G94-09-MW-01 N					
A403 - Alkalinity AK101 - Gasoline Range Organics	58683- 7	GAL9409/11/94 58683A	01	METHOD Extraction method identified by analytical	58683
AK102 - Diesel Range Organics	58683- 7	586838	01	method. Extraction method identified by analytical method.	58683

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

Sample ID : 694-09-MW-03

Compiled: 21 March 1995

MSD = Matrix Spike Duplicate = Trip Blank ND = Analytical Duplicate N = Normal Sample MS = Matrix Spike EB = Equipment Blank

FD = Field Duplicate

3510940915181500

3520940915130000

Continuous Liquid-Liquid

Extraction

METHOD METHOD

20 20

GAL9429/11/94 3AL9439/11/94

SW9040 - pH Electrometric Measurement

SW9050 - Specific Conductance

.iquid-Liquid Extraction

METHOD

01 01

MSMSDB409221236

9409386-06A 9409387-06A

SW8260 - Volatile Organic Compounds

SW8270 - Semivolatile Organics

MSMSD2409210757

Separatory Funnel

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		ANAI VITCAI			10011100
ANALYTICAL METHOD	FULL WO	BATCH TO		PREPARATION METHOD	PREPARALION
A403 - Alkalinity		GAL9409/10/94	01	METHOD	
AK101 - Gasoline Range Organics	58683- 2	58683A	10	Extraction method	58683
				identified by analytical	
				method.	
AK102 - Diesel Range Organics	58683- 2	58683B	01	Extraction method	. 28683
				identified by analytical	
				method.	
E170.1 - Temperature		GAL9419/10/94	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-03A	CHGC6A409261200	01	Separatory Funnel	3510940915181500
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409388-03A	CHGC6B409261200	10	Separatory Funnel	3510940915181500
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409386-03A	MSMSDB409190828	01	METHOD	
SW8270 - Semivolatile Organics	9409387-03A	MSMSD2409210757	10	Continuous Liquid-Liquid	3520940915130000
				Extraction	
SW9040 - pH Electrometric Measurement		GAL9429/10/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/10/94	01	METHOD	
1				1	
Sample ID : G94-09-MW-04 N					
		GAL9409/08/94	01	METHOD	
AK101 - Gasoline Range Organics	58677- 3	58677A	01	Extraction method	58677
				identified by analytical	
				method.	
AK102 - Diesel Range Organics	58677- 3	586778	01	Extraction method	58677
				identified by analytical	
				method.	
E170.1 - Temperature		GAL9419/08/94	10	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409338-06A	CHGC6A409151200	05	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409338-06A	CHGC6B409151200	05	Separatory Funnel	3510940913132500
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409336-08A	MSMSDB409190828	10	METHOD	
SW8270 - Semivolatile Organics	9409337-07A	MSMSD1409210806	10	Continuous Liquid-Liquid	3520940912172000
				Extraction	

FD = Field Duplicate N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/08/94 GAL9439/08/94	01	METHOD METHOD	1 1 1 1 1 1 1 1 1
Sample ID : G94-09-MW-05 N			; ; ; ; ; ;		
A403 - Alkalinity AK101 - Gasoline Range Organics	58683- 3	GAL9409/10/94 58683A	01	METHOD  Extraction method  Adortified by analytical	58683
AK102 - Diesel Range Organics	58683- 3	586838	01	method.  Extraction method identified by analytical	58683
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCRs	940388-044	GAL9419/10/94	010	method. METHOD	200000000000000000000000000000000000000
	9409388-04A	CHGC68409261200	5 5	Separatory runner Liquid-Liquid Extraction Separatory Funnel	3510940915181500
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409386-04A 9409387-04A	MSMSDB409190828 MSMSD2409210757	01	Liquid-Liquid Extraction METHOD Continuous Liquid-Liquid	3520940915130000
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/10/94 GAL9439/10/94	01	Extraction METHOD METHOD	
Sample ID : G94-O9-MW-O5-FD FD					
A403 - Alkalinity AK101 - Gasoline Range Organics	58683- 4	GAL9409/10/94 58683A	01	METHOD Extraction method identified by analytical	58683
AK102 - Diesel Range Organics	58683- 4	58683B	01	method. Extraction method identified by analytical	58683
E170.1 - Temperature SW8080 - Organochlorine Pesticides and PCBs	9409388-05A	GAL9419/10/94 CHGC6A409261200	01	method. METHOD Separatory Funnel	3510940915181500
Compiled: 21 March 1995 N = Norm	. of ame of the	Maturity Carilla	77	T 41	

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate B = Trip Blank



March   Description   Full, Word   Description   Full, Word   Description   Full, Word   Description   Pertination   Pertinati			ANALYTICAL			PREPARATION
1	ANALYICAL METHOD	FULL WO	BATCH ID		PREPARATION METHOD	ватсн 10
1	SW8080 - Organochlorine Pesticides and PCBs	9409388-05A	CHGC6B409261200	01	Liquid-Liquid Extraction Separatory Funnel	3510940915181500
### Extraction GAL9429/10/94 01 METHOD GAL9439/10/94 01 METHOD GAL9439/10/94 01 METHOD GAL9439/10/94 01 METHOD GAL9439/10/94 01 Extraction method identified by analytical method.    58683-	SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409386-05A 9409387-05A	MSMSDB409190828 MSMSD2409210757	01	Liquid-Liquid Extraction METHOD Continuous Liquid-Liquid	3520940915130000
6AL9409/10/94 01 METHOD 58683- 1 58683A 01 Extraction method identified by analytical method. 58683- 1 58683B 01 Extraction method identified by analytical method. 6AL9419/10/94 01 METHOD 6AL9419/10/94 01 METHOD 6AL9409261200 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel CHGC6B409261200 01 Separatory Funnel CHQUIGCB409386-02A MSMSDB409190828 01 METHOD 9409387-02A MSMSDB409190828 01 METHOD 6AL9429/10/94 01 METHOD 6AL9439/10/94 01 METHOD 6AL9439/10/94 01 METHOD	SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/10/94 GAL9439/10/94	01	Extraction METHOD METHOD	
6AL9409/10/94 01 METHOD 58683- 1 58683A 01 Extraction method identified by analytical method. 58683- 1 58683B 01 Extraction method identified by analytical method. 6AL9419/10/94 01 METHOD 6AL9409261200 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction MSMSDB40919082B 01 METHOD Separatory Funnel Ciquid-Liquid Extraction MSMSDB40919082B 01 METHOD Separatory Funnel MSMSDB40919082B 01 METHOD METHOD SEPARATOR MSMSDB40910/94 01 METHOD METHOD	Sample ID : G94-09-MW-06 N		; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	: ! ! ! !		
58683- 1 58683A 01 Extraction method identified by analytical method. 58683- 1 58683B 01 Extraction method identified by analytical method. 6AL9419/10/94 01 Extraction method identified by analytical method. 6AL9419/10/94 01 METHOD Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel CHGC6B409261200 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel CHGC6B409261207 01 Separatory Funnel CHGC6B409261207 01 Separatory Funnel CHGC6B409261207 01 Separatory Funnel CHGC6B409261207 01 Separatory Funnel CHGC6B409261207 01 Separatory Funnel CHGC6B409387-02A MSMSDB409190828 01 METHOD SEPARACTION GAL9429/10/94 01 METHOD METHOD	A403 - Alkalinity		GAL9409/10/94	01	METHOD	
### method.  58683- 1	AK101 - Gasoline Range Organics		58683A	01	Extraction method identified by analytical	58683
d PCBs 9409388-02A CHGC6A409261200 01 Separatory Funnel Liquid-Liquid Extraction CHGC6B409261200 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction 9409386-02A MSMSDB409190828 01 METHOD 9409387-02A MSMSD2409210757 01 Continuous Liquid-Liquid Extraction GAL9429/10/94 01 METHOD	AK102 - Diesel Range Organics		586838	01	method. Extraction method	58683
d PCBs 9409388-02A CHGC6A409261200 01 Separatory Funnel Liquid-Liquid Extraction Liquid-Liquid Extraction CHGC6B409261200 01 Separatory Funnel Liquid-Liquid Extraction 9409386-02A MSMSDB409190828 01 METHOD 9409387-02A MSMSD2409210757 01 Continuous Liquid-Liquid Extraction GAL9429/10/94 01 METHOD	,				identified by analytical	
d PCBs 9409388-02A CHGC6A409261200 01 Separatory Funnel Liquid-Liquid Extraction CHGC6B409261200 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel CHGC6B409261200 01 Separatory Funnel Riquid-Liquid Extraction 9409387-02A MSMSDB409190828 01 METHOD 9409387-02A MSMSD2409210757 01 Continuous Liquid-Liquid Extraction GAL9429/10/94 01 METHOD			GAL9419/10/94	10	method. METHOD	
d PCBs 9409388-02A CHGC6B409261200 01 Separatory Funnel Liquid-Liquid Extraction 9409386-02A MSMSDB409190828 01 METHOD 9409387-02A MSMSD2409210757 01 Continuous Liquid-Liquid Extraction 6AL9429/10/94 01 METHOD 6AL9439/10/94 01 METHOD	ı	9409388-02A	CHGC6A409261200	01	Separatory Funnel	3510940915181500
9409386-02A MSMSDB409190828 01 METHOD 9409387-02A MSMSD2409210757 01 Continuous Liquid-Liquid Extraction 6AL9429/10/94 01 METHOD 6AL9439/10/94 01 METHOD	SW8080 - Organochlorine Pesticides and PCBs	9409388-02A	CHGC6B409261200	01	Separatory Funnel	3510940915181500
9409387-02A MSMSD2409210757 01 Continuous Liquid-Liquid	SW8260 - Volatile Organic Compounds	9409386-02A	MSMSDB409190828	01	Liquid-Liquid Extraction METHOD	
GAL9429/10/94 01 GAL9439/10/94 01	t	9409387-02A	MSMSD2409210757	01	Continuous Liquid-Liquid Extraction	3520940915130000
Specific Conductance 6AL9439/10/94 01	SW9040 - pH Electrometric Measurement		GAL9429/10/94	01	МЕТНОО	
			GAL9439/10/94	01	METHOD	

Sample ID : G94-09-MW-08 N

A403 - Alkalinity		GAL9409/18/94	01	METHOD	
AK101 - Gasoline Range Organics	58711- 4	58711A	10	Extraction method	58711
				identified by analytical	

FD = Field Duplicate N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

Compiled: 21 March 1995

MSD = Matrix Spike Duplicate Trip Blank ND = Analytical Duplicate N = Normal Sample MS = Matrix Spike

EB = Equipment Blank

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FD = Field Duplicate

PREPARATION BATCH ID				58683		58683				3510940915181500		3510940915181500			3520940915130000			
PREPARATION METHOD	Extraction METHOD METHOD		METHOD	Extraction method	identified by analytical method.	Extraction method	identified by analytical	method.	METHOD	Separatory Funnel	Liquid-Liquid Extraction	Separatory Funnel	Liquid-Liquid Extraction	METHOD	Continuous Liquid-Liquid	Extraction	METHOD	CONTLAN
	10		10	01		01			01	01		01		01	01		01	5
ANALYTICAL BATCH ID	GAL9429/18/94 GAL9439/18/94		GAL9409/11/94	58683A		58683B			GAL9419/11/94	CHGC6A409261200		CHGC6B409261200		MSMSDB409190828	MSMSD2409210757		GAL9429/11/94	CALOA20/11/04
FULL WO				58683- 6		58683- 6				9409388-14A		9409388-14A		9409447-01A	9409387-14A			
ANALYTICAL METHOD	SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	Sample ID : G94-09-MW-15 N	A403 - Alkalinity	AK101 - Gasoline Range Organics		AK102 - Diesel Range Organics			E170.1 - Temperature	SW8080 - Organochlorine Pesticides and PCBs		SW8080 - Organochlorine Pesticides and PCBs		SW8260 - Volatile Organic Compounds	SW8270 - Semivolatile Organics		SW9040 - pH Electrometric Measurement	SWGOSO - Charifir Conductance

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0-MW-01
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Sample

A403 - Alkalinity		GAL9409/17/94	01	METHOD	
AK101 - Gasoline Range Organics	58710- 2	58710A	01	Extraction method identified by analytical	58710
AK102 - Diesel Range Organics	58710- 2	587108	01	method. Extraction method identified by analytical	58710
E170.1 - Temperature		GAL9419/17/94 01	10	method. METHOD	

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409657-02A	CHGC7A410121200 C	01	Separatory Funnel	3510940921171500
SW8080 - Organochlorine Pesticides and PCBs	9409657-02A	CHGC7B410121200 (	01	Separatory Funnel	3510940921171500
SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics	9409659-02A 9409656-01A	MSMSDB409221236 C MSMSD1409260833 C	01 02	Liquid-Liquid Extraction METHOD Continuous Liquid-Liquid	3520940921163000
SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance		GAL9429/17/94 C	01	Extraction METHOD METHOD	
Sample IO : G94-10-MW-03 N	·		1 1 1 1 1		
A403 - Alkalinity		GAL9409/11/94 0	01	METHOD	
AK101 - Gasoline Range Organics	58684- 1	58684A 0	01	Extraction method	58684
				identified by analytical method.	
AK102 - Diesel Range Organics	58684- 1	586848 0	01	Extraction method identified by analytical	58684
				method.	
E170.1 - Temperature		GAL9419/11/94 0	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409388-08A	CHGC6A409261200 0	01	Separatory Funnel Liquid-Liquid Extraction	3510940915181500
SW8080 - Organochlorine Pesticides and PCBs	9409388-08A	CHGC6B409261200 0	01	Separatory Funnel	3510940915181500
SW8260 - Volatile Organic Compounds	9409386-08B	MSMSDB409221236 0	01	Liquid-Liquid Extraction METHOD	
SW8260 - Volatile Organic Compounds	9409386-08A		01	METHOD	
SW8270 - Semivolatile Organics	9409387-08A	MSMSD2409210757 0	01	Continuous Liquid-Liquid	3520940915130000
SW9040 - pH Electrometric Measurement		GAL9429/11/94 0	01	Extraction METHOD	
SW9050 - Specific Conductance		GAL9439/11/94 0	01	МЕТНОО	
Sample ID : G94-13-MW-37 MS		t 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 		

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate = Trip Blank

FD = Field Duplicate

58738

Extraction method

01

58738-15

AK101 - Gasoline Range Organics

MALTICAL NETHOD   FILL NO   BATCH ID   PREPARATION NETHOD   BATCH ID			ANALYTICAL			PREPARATION
Hetals	ANALYTICAL METHOD	FULL WO	ватсн 10		PREPARATION METHOD	BATCH ID
Hetals		1 1 1 1 1 1			identified by analytical method.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9409807-03A EMJA61410051000 03 ICP Digestion 9409808-03A AA22_409281632 02 GFAA Digestion 9409808-03A AA22_409281632 02 GFAA Digestion 9409808-02A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409805-02A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-02A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-02A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identified by analytical method identifi	AK102 - Diesel Range Organics	58738-14		01	Extraction method identified by analytical method.	58738
9409808-03A AA22_409281632 02 GFAA Digestion 9409808-03A AA22_409271700 01 GFAA Digestion 9409806-02A CHGC6A10051200 04 Separatory Funnel 1		9409807-03A		93	ICP Digestion	IDIG940927090000
and PCBs 9409808-03A AAZ2_409271700 01 GFAA Digestion and PCBs 9409806-02A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-12A MSMSD1409270802 02 Separatory Funnel Liquid-Liquid Extraction 9409805-02A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction 9409805-02A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Sep388-15 Sep38B 01 Extraction method identified by analytical method separatory Funnel Method Separatory Funnel Liquid-Liquid Extraction Sep380808-04A AAZ2_409271700 03 GFAA Digestion Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Separatory Funnel Separatory Funnel Liquid-Liquid Extraction MeTHOD Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Funnel Separatory Fu	1	9409808-03A		20	GFAA Digestion	GDIG940927080000
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Liquid-Liquid Extraction	1	9409806-02A		04	Separatory Funnel	3510940926135000
and PCBs 9409806-02A CHGC6B410051200 04 Separatory Funnel 9409809-12A MSMSD8409291513 01 METHOD 9409805-02A MSMSD1409280819 01 Separatory Funnel 1401d-Liquid Extraction 9409805-02A MSMSD1409280819 01 Separatory Funnel 1401d-Liquid Extraction 158738-16 587384 01 Extraction method identified by analytical method. 58738-15 58738B 01 Extraction method identified by analytical method. 9409807-04A EMJA61410051000 03 ICP Digestion 9409808-03A AAZZ_40921700 01 GFAA Digestion 9409806-03A CHGC6B410051200 04 Separatory Funnel 11quid-Liquid Extraction 9409809-13A MSMSD8409291513 01 METHOD 9409805-03A HSMSD1409270802 02 Separatory Funnel					Liquid-Liquid Extraction	
1-quid-Liquid Extraction   9409809-12A   MSMSDB409291513   01   MFTH0D   9409805-02A   MSMSD1409270802   02   Separatory Funnel   Liquid-Liquid Extraction   1-quid-Liquid Extraction	SW8080 - Organochlorine Pesticides and PCBs	9409806-02A		04	Separatory Funnel	3510940926135000
9409809-12A MSMSDB409291513 01 METHOD 9409805-02A MSMSD1409270802 02 Separatory Funnel 9409805-02A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction S8738-16 58738A 01 Extraction method identified by analytical method 58738-15 58738B 01 Extraction method identified by analytical method 9409807-04A EMJA61410051000 03 ICP Digestion 9409808-04A AAZ2_409271700 01 GFAA Digestion 9409806-03A CHGCB410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel					Liquid-Liquid Extraction	
9409805-02A MSMSD1409270802 02 Separatory Funnel 1409805-02A MSMSD1409280819 01 Separatory Funnel 158738-16 58738A 01 Extraction method 158738-15 58738B 01 Extraction method 158738-15 58738B 01 Extraction method 15809807-04A EMJA61410051000 03 ICP Digestion 15409808-04A AAZ2_409271700 01 GFAA Digestion 15409806-03A CHGC6A410051200 04 Separatory Funnel 15409806-03A CHGC6B410051200 04 Separatory Funnel 15409809-13A MSMSDB409291513 01 METHOD 15409805-03A MSMSD1409270802 02 Separatory Funnel 15509805-03A MSMSD1409270802 02 Separatory Funnel		9409809-12A		01	METHOD	
Liquid-Liquid Extraction	1	9409805-02A		05	Separatory Funnel	3510940926101500
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58738-16 58738A 01 Extraction method identified by analytical method. 58738-15 58738B 01 Extraction method identified by analytical method. 9409807-04A EMJA61410051000 03 ICP Digestion 9409808-04A AAZ2_409271700 01 GFAA Digestion 9409806-03A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSDB409270802 02 Separatory Funnel					Liquid-Liquid Extraction	
58738-16       58738A       01       Extraction method identified by analytical method.         58738-15       58738B       01       Extraction method identified by analytical method.         9409807-04A       EMJA61410051000       03       ICP Digestion method identified by analytical method.         9409808-04A       AAZ2_409281632       02       GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Digestion GFAA Dig						
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Se738-15   Se738B   O1   Extraction method	AK101 - Gasoline Range Organics	58738-16		01	Extraction method	58738
### method  58738-15	,				identified by analytical	
58738-15 58738B 01 Extraction method identified by analytical method. 9409807-04A EMJA61410051000 03 ICP Digestion 9409808-04A AAZ2_409281632 02 GFAA Digestion 9409806-03A CHGCGA410051200 04 Separatory Funnel Liquid-Liquid Extraction and PCBs 9409806-03A CHGCGB410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSDB409270802 02 Separatory Funnel					method.	
method.  9409807-04A EMJA61410051000 03 ICP Digestion 9409808-04A AAZ2_409281632 02 GFAA Digestion 9409808-04A AAZ2_409271700 01 GFAA Digestion and PCBs 9409806-03A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel	AK102 - Diesel Range Organics	58738-15		01	Extraction method identified by analytical	58738
9409807-04A EMJA61410051000 03 ICP Digestion 9409808-04A AAZ3_409281632 02 GFAA Digestion 9409808-04A AAZ2_409271700 01 GFAA Digestion and PCBs 9409806-03A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel					method.	
9409808-04A AAZ2_409281632 02 GFAA Digestion 9409808-04A AAZ2_409271700 01 GFAA Digestion and PCBs 9409806-03A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel	SW6010 - Metals	9409807-04A		03	ICP Digestion	IDIG940927090000
9409808-04A AAZ2_409271700 01 GFAA Digestion and PCBs 9409806-03A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction and PCBs 9409806-03A CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction B409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel	SW7060 - Arsenic	9409808-04A		05	GFAA Digestion	GD1G940927080000
and PCBs 9409806-03A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction and PCBs 9409806-03A CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel	1	9409808-04A		01	GFAA Digestion	GD1G940927080000
Liquid-Liquid Extraction and PCBs 9409806-03A CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel	f	9409806-03A		94	Separatory Funnel	3510940926135000
and PCBs 9409806-03A CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel					Liquid-Liquid Extraction	
Liquid-Liquid Extraction 9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel	SW8080 - Organochlorine Pesticides and PCBs	9409806-03A		94	Separatory Funnel	3510940926135000
9409809-13A MSMSDB409291513 01 METHOD 9409805-03A MSMSD1409270802 02 Separatory Funnel					Liquid-Liquid Extraction	
- Semivolatile Organics 9409805-03A MSMSD1409270802 02 Separatory Funnel	SW8260 - Volatile Organic Compounds	9409809-13A		5	METHOD	
	t	9409805-03A		02	Separatory Funnel	3510940926101500

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD = Field Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

Sample ID : Gat-I3-M4-37 N         HORSEG-GAM         MSMSD1409260819 OIL         Liquid-Liquid Extraction         3510940926101500           Sample ID : Gat-I3-M4-37 N         A403-0-13-M4-37 N         A403-0-13-M4-37 N         A403-0-13-M4-37 N         A403-0-13-M4-37 N           A403 - Alkalinity         A403 - Alkalinity         A403-0-13-M2-10         56738-10         56738-1         1 HETHOD         58738-1           A403 - Alkalinity         A403 - Alkalinity         A403-0-13-M4-37 N         A403-0-13-M3-1         1 HETHOD         58738-1           A403 - Alkalinity         A403-0-13-M3-1         58738-1         1 HETHOD         58738-1         58738-1           A403 - Alkalinity         A403-0-143-M3-1         1 HETHOD         Extraction method         58738-1         1 HETHOD           AK102 - Lead         AK103-0-143-M3-1         A403-0-143-M3-1         1 HETHOD         58738-1         1 HETHOD           SW000 - Arsanic         A403-0-144-M3-140-100-1         A413-140-140-1         A413-140-100-1         1 HETHOD         1 HETHOD           SW000 - Arsanic         A413-140-100-1         A413-140-100-1         A413-140-100-1         1 HETHOD         1 HETHOD           SW000 - Arsanic         Compounds         9403-0-1         A413-140-100-1         1 HETHOD         3510-0-100-1           SW00	ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH 1D
Realinity   GALG409/19/94   01   METHOD   GALG409/19/94   01   Extraction method   GALG409/19/94   01   Extraction method   GALG409/19/94   01   Extraction method   GALG4109/19/94   01   Extraction method   GALG4109/19/94   01   Extraction method   GALG4100/1000   03   GALG410/1001   METHOD   METH	SW8270 - Semivolatile Organics	9409805-03A	MSMSD1409280819	01	Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction	3510940926101500
Realinity         GAL9409/19/94         01         METHOD           Gasoline Range Organics         58738-10         58738A         01         Extraction method identified by analytical method identified by analytical method.           Diesel Range Organics         58738-10         58738B         01         Extraction method identified by analytical method.           Temperature         Metals         6AL9419/19/94         01         Extraction method identified by analytical method.           Arsenic         GAL9419/19/94         01         Extraction method identified by analytical method.           Arsenic         GAL9419/19/94         01         Extraction method identified by analytical method.           Arsenic         GAL99808-02A         AA22_409281632         02         GFAA Digestion method identified by analytical method.           Lead         Arsenic         GAL99808-02A         AA22_409281632         02         GFAA Digestion method.           Organochlorine Pesticides and PCBs         9409806-01A         CHGC68410051200         04         Separatory Funnel           Volatile Organic Compounds         9409806-01A         CHGC68410051200         04         Separatory Funnel           Semivolatile Organics         9409806-01A         MSMSD14092208081         01         Separatory Funnel           Semivolatile Organics				 		
Gasoline Range Organics 58738-10 58738A 01 Extraction method Diesel Range Organics 58738-10 58738B 01 Extraction method Diesel Range Organics 58738-10 58738B 01 Extraction method Diesel Range Organics 58738-10 58738B 01 Extraction method  Temperature  Metals Arsenic Lead Organochlorine Pesticides and PCBs 9409808-02A AA22_409281632 02 6FAA Digestion Organochlorine Pesticides and PCBs 9409806-01A CHGC6A410051200 04 Separatory Funnel Conganochlorine Pesticides and PCBs 9409809-11B MSMSDB409291513 01 METHOD  Volatile Organic Compounds 9409805-01A MSMSDB409291513 01 METHOD  Semivolatile Organics 9409805-01A MSMSD1409280819 01 Separatory Funnel Conductance GAL9439/19/94 01 METHOD  Specific Conductance GAL9439/19/94 01 METHOD  Specific Conductance GAL9439/19/94 01 METHOD  Specific Conductance GAL9439/19/94 01 METHOD  Specific Conductance GAL9439/19/94 01 METHOD	A403 - Alkalinity		GAL9409/19/94	01	METHOD	
Diesel Range Organics   58738-10   58738B   01   Extraction method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   method.   meth	AK101 - Gasoline Range Organics	58738-10	58738A	01	Extraction method	58738
Diesel Range Organics   58738-10   58738B   01   Extraction method identified by analytical method.					identified by analytical method.	
Temperature	AK102 - Diesel Range Organics	58738-10	58738B	01	Extraction method	58738
Perting					identified by analytical	
Metals					method.	
Arsenic Arsenic Arsenic Arsenic By 999807-02A Ars. 409281632 02 GFAA Digestion 9409808-02A Ars. 409281632 02 GFAA Digestion 9409808-02A Ars. 409271700 01 GFAA Digestion 0rganochlorine Pesticides and PCBs 9409806-01A CHGC6A10051200 04 Separatory Funnel Liquid-Liquid Extraction 0rganochlorine Pesticides and PCBs 9409806-01A CHGC6B410051200 04 Separatory Funnel Compounds 9409809-11B MSMSDB409291513 01 METHOD METHOD Semivolatile Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organics Organi			GAL9419/19/94	01	METHOD	
Arsenic Lead 9409808-02A AAZ2_409271700 01 GFAA Digestion 9409808-02A AAZ2_409271700 01 GFAA Digestion Organochlorine Pesticides and PCBs 9409806-01A CHGC6A410051200 04 Separatory Funnel Liquid-Liquid Extraction Organochlorine Pesticides and PCBs 9409806-01A CHGC6B410051200 04 Separatory Funnel Liquid-Liquid Extraction Wolatile Organic Compounds 9409809-11B MSMSDB409291513 01 METHOD Semivolatile Organics 9409805-01A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction Semivolatile Organics 9409805-01A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Compounds 9409805-01A MSMSD1409280819 01 Separatory Funnel Chiquid Extraction Separatory Funnel Compounds 9409805-01A MSMSD1409280819 01 METHOD MSTHOD MSTHOD MSTHOD MSTHOD MSTHOD MSTHOD MSTHOD	1	9409807-02A	EMJA61410051000	03	ICP Digestion	IDIG940927090000
Lead         9409808-02A         AAZ2_409271700         01         GFAA Digestion           Organochlorine Pesticides and PCBs         9409806-01A         CHGC6A410051200         04         Separatory Funnel           Organochlorine Pesticides and PCBs         9409806-01A         CHGC6B410051200         04         Separatory Funnel           Volatile Organic Compounds         9409809-11B         MSMSDB409291513         01         METHOD           Volatile Organic Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Liquid-Liquid Extraction         Liquid-Liquid Extraction         Liquid-Liquid Extraction           PH Electrometric Measurement         GAL9429/19/94         01         Separatory Funnel           Specific Conductance         GAL9439/19/94         01         METHOD	1	9409808-02A	AAZ3_409281632	02	GFAA Digestion	GD1G940927080000
Organochlorine Pesticides and PCBs         9409806-01A         CHGC6A410051200         04         Separatory Funnel           Organochlorine Pesticides and PCBs         9409806-01A         CHGC6B410051200         04         Separatory Funnel           Volatile Organic Compounds         9409809-11B         MSMSDB409291513         01         METHOD           Volatile Organic Compounds         9409809-11A         MSMSDB409291513         01         METHOD           Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Liquid-Liquid Extraction         Liquid-Liquid Extraction         Liquid-Liquid Extraction           Semivolatile Organics         9409805-01A         MSMSD1409280819         01         Separatory Funnel           Liquid-Liquid Extraction         Liquid-Liquid Extraction         Liquid-Liquid Extraction           PH Electrometric Measurement         GAL9429/19/94         01         METHOD           Specific Conductance         GAL9439/19/94         01         METHOD	1	9409808-02A	AAZ2_409271700	01	GFAA Digestion	GD1G940927080000
Organochlorine Pesticides and PCBs         9409806-01A         CHGC6B410051200         04         Separatory Funnel           Volatile Organic Compounds         9409809-11B         MSMSDB409291513         01         METHOD           Volatile Organic Compounds Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Liquid-Liquid Extraction         Liquid-Liquid Extraction         Liquid-Liquid Extraction           PH Electrometric Measurement         GAL9429/19/94         01         METHOD           Specific Conductance         GAL9439/19/94         01         METHOD		9409806-01A	CHGC6A410051200	94	Separatory Funnel	3510940926135000
Organochlorine Pesticides and PCBs         9409806-01A         CHGC6B410051200         04         Separatory Funnel           Volatile Organic Compounds         9409809-11B         MSMSDB409291513         01         METHOD           Volatile Organic Compounds         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Semivolatile Organics         9409805-01A         MSMSD1409280819         01         Separatory Funnel           PH Electrometric Measurement         GAL9429/19/94         01         METHOD           Specific Conductance         GAL9439/19/94         01         METHOD					Liquid-Liquid Extraction	
Volatile Organic Compounds         9409809-11B         MSMSDB409291513         01         METHOD           Volatile Organic Compounds         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Liquid-Liquid Extraction         Liquid-Liquid Extraction         Elquid-Liquid Extraction           PH Electrometric Measurement         GAL9429/19/94         01         METHOD           Specific Conductance         GAL9439/19/94         01         METHOD	SW8080 - Organochlorine Pesticides and PCBs	9409806-01A	CHGC6B410051200	04	Separatory Funnel	3510940926135000
Volatile Organic Compounds         9409809-11B         MSMSDB409291513         01         METHOD           Volatile Organic Compounds         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Liquid-Liquid Extraction         Liquid-Liquid Extraction           PH Electrometric Measurement         GAL9429/19/94         01         METHOD           Specific Conductance         GAL9439/19/94         01         METHOD	0.000000				Liquid-Liquid Extraction	
Volatile Organic Compounds         9409809-11A         MSMSDB409291513         01         METHOD           Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Liquid-Liquid Extraction         Liquid-Liquid Extraction         Extraction           PH Electrometric Measurement         GAL9429/19/94         01         METHOD           Specific Conductance         GAL9439/19/94         01         METHOD	SW6Z6U - Volatile Urganic Compounds	9409809-118	MSMSDB409291513	01	METHOD	
Semivolatile Organics         9409805-01A         MSMSD1409270802         02         Separatory Funnel           Semivolatile Organics         9409805-01A         MSMSD1409280819         01         Separatory Funnel           PH Electrometric Measurement         GAL9429/19/94         01         METHOD           Specific Conductance         GAL9439/19/94         01         METHOD	SW8ZbU - Volatile Urganic Compounds	9409809-11A	MSMSDB409291513	01	METHOD	
Semivolatile Organics 9409805-01A MSMSD1409280819 01 Separatory Funnel  Liquid-Liquid Extraction  PH Electrometric Measurement GAL9429/19/94 01 METHOD  Specific Conductance GAL9439/19/94 01 METHOD		9409805-01A	MSMSD1409270802	02	Separatory Funnel	3510940926101500
Semivolatile Organics 9409805-01A MSMSD1409280819 01 Separatory Funnel Liquid-Liquid Extraction pH Electrometric Measurement GAL9429/19/94 01 METHOD Specific Conductance GAL9439/19/94 01 METHOD					Liquid-Liquid Extraction	
pH Electrometric Measurement Specific Conductance GAL9429/19/94 01	SW8270 - Semivolatile Organics	9409805-01A	MSMSD1409280819	01	Separatory Funnel	3510940926101500
pH Electrometric Measurement 6AL9429/19/94 01 Specific Conductance 6AL9439/19/94 01					Liquid-Liquid Extraction	
Specific Conductance 6AL9439/19/94 01	SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
			GAL9439/19/94	01	METHOD	

Sample ID : 694-13-MW-37 PS

SW7060 - Arsenic SW7421 - Lead

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate 778 = Trip Blank AAZ2_409281632 02 AAZ2_409271700 01 9409808-02A 9409808-02A Compiled: 21 March 1995

FD = Field Duplicate

GDIG940927080000 GDIG940927080000

GFAA Digestion GFAA Digestion

ANALYTICAL METHOD	FULL WO			PREPARATION METHOD	PREPARATION BATCH ID
-MW-37-FD FD			1 1 1 1 5		
A403 - Alkalinity AK101 - Gasoline Range Organics	58738-11	GAL9409/19/94 58738A	10 10	METHOD Extraction method	. KR718
			<b>;</b>	identified by analytical method.	
AK102 - Diesel Range Organics	58738-11	587388	01	Extraction method identified by analytical method.	58738
E170.1 - Temperature		GAL9419/19/94	01	МЕТНОД	
SW6010 - Metals	9409807-01A	EMJA61410051000	03	ICP Digestion	1016940927090000
SW7060 - Arsenic	9409808-01A	AAZ3_409281632	05	GFAA Digestion	GD1G940927080000
SW7421 - Lead	9409808-01A	AAZ2_409271700	01	GFAA Digestion	6016940927080000
SW8080 - Organochlorine Pesticides and PCBs	9409806-06A	CHGC6A410051200	04	Separatory Funnel	3510940926135000
				Liquid-Liquid Extraction	
SW8080 - Organochlorine Pesticides and PCBs	9409806-06A	CHGC6B410051200	04	Separatory Funnel	3510940926135000
				Liquid-Liquid Extraction	
SW8260 - Volatile Organic Compounds	9409809-10A	MSMSDB409291513	01	METHOD	
SW8270 - Semivolatile Organics	9409805-07A	MSMSD1409270802	02	Separatory Funnel	3510940926101500
				Liquid-Liquid Extraction	
SW9040 - pH Electrometric Measurement		GAL9429/19/94	01	METHOD	
SW9050 - Specific Conductance		GAL9439/19/94	01	METHOD	

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694-13-MW-38
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A403 - Alkalinity		GAL9409/19/94	01	МЕТНОВ	
AK101 - Gasoline Range Organics	58738-12	58738A	01	Extraction method identified by analytical	58738
				method.	
AK102 - Diesel Range Organics	58738-12	587388	01	Extraction method	58738
				identified by analytical	
				method.	
E170.1 - Temperature		GAL9419/19/94 01	01	METHOD	

	0.00	0 0			0 0
PREPARATION BATCH ID	1D16940927090000 GD16940927080000 GD16940927080000 3510940926135000	3510940926135000 3510940926101500	58677	58743	3510940928153000
PREPARATION METHOD	ICP Digestion GFAA Digestion GFAA Digestion Separatory Funnel	Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction METHOD Separatory Funnel Liquid-Liquid Extraction METHOD METHOD	Extraction method identified by analytical method.	Extraction method identified by analytical method.	identified by analytical method. Separatory Funnel Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction
	03 01 04	04 01 02 01	10 10	01	01
ANALYTICAL BATCH ID	EMJA61410051000 AAZ3409281632 AAZ2409271700 CHGC6A410051200	CHGC6B410051200 MSMSDB409291513 MSMSD1409270802 GAL9429/19/94 GAL9439/19/94	58677A MSMSDB409190828	58743C 58743D	CHGC7A410141200 CHGC7B410141200
FULL WO	9409807-05A 9409808-05A 9409808-05A 9409806-07A	9409806-07A 9409809-14A 9409805-08A	58677- 7	58743-20	9409844-02A 9409844-02A
ANALYIICAL METHOD	SW6010 - Metals SW7060 - Arsenic SW7421 - Lead SW8080 - Organochlorine Pesticides and PCBs	SW8080 - Organochlorine Pesticides and PCBs SW8260 - Volatile Organic Compounds SW8270 - Semivolatile Organics SW9040 - pH Electrometric Measurement SW9050 - Specific Conductance	Sample ID : G94-AB-01 AB AK101 - Gasoline Range Organics SW8260 - Volatile Organic Compounds	Sample ID : G94-DD-SS-03-EB EB AK101 - Gasoline Range Organics AK102 - Diesel Range Organics	SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate FD EB = Equipment Blank ND = Analytical Duplicate = Trip Blank



ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-O5-EB EB				
SW8080 - Organochlorine Pesticides and PCBs	9410010-01A	CHGC7A410211200 02	Separatory Funnel	3510941004151100
SW8080 - Organochlorine Pesticides and PCBs	9410010-01A	CHGC78410211200 02	Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction	3510941004151100
Sample IO : G94-PO-SS-O2-EB EB				
AK101 - Gasoline Range Organics	58743- 8	58743C 01	Extraction method identified by analytical	58743
AK102 - Diesel Range Organics	58743~ 8	587430 01	method. Extraction method identified by analytical	58743
SW6010 - Metals SW8080 - Organochlorine Pesticides and PCBs	9409846-01A 9409844-01A	EMJA61410131845 01 CHGC7A410141200 01	ICP Digestion Separatory Funnel	IDIG941013080000 3510940928153000
SW8080 - Organochlorine Pesticides and PCBs SW8270 - Semivolatile Organics	9409844-01A 9409845-01A	CHGC7B410141200 01 MSMSD1410030858 01	Liquid-Liquid Extraction Separatory Funnel Liquid-Liquid Extraction Soxhlet Extraction	3510940928153000 3520940928150500
Sample ID : G94-TB-01 TB AK101 - Gasoline Range Organics	58677- 8	58677A 01	Extraction method	58677
SW8260 - Volatile Organic Compounds	9409336-10A	MSMSDB409190828 01	dentified by analytical method.  METHOD	

Sample ID : G94-TB-02 TB

AK101 - Gasoline Range Organics

FD = Field Duplicate Compiled: 21 March 1995

58683

Extraction method

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58683A

58683- 8

ANALYTICAL METHOD	- FI	ANALYTICAL BATCH ID	DDEBADATION METUDO	PREPARATION
			TALL MAKE TON PILL TON	בייייייי
SW8260 - Volatile Organic Compounds	9409386-09A	MSMSDB409221236 01	identified by analytical method. 1 METHOD	
Sample ID : 694-TB-03 TB				
AK101 - Gasoline Range Organics	58684- 3	58684A 01	1 Extraction method identified by analytical	58684
SW8260 - Volatile Organic Compounds	9409386-15A	MSMSDB409221236 01	, i i	
Sample ID : 694-TB-04 TB				
AK101 - Gasoline Range Organics	58700- 6	58700A 01		58700
SW8260 - Volatile Organic Compounds	9409493-06A	MSMSDB409221236 01	method.	
Sample IO : G94-TB-05 TB				
AK101 - Gasoline Range Organics	58711- 5	58711A 01	1 Extraction method identified by analytical	58711
SW8260 - Volatile Organic Compounds SW8260 - Volatile Organic Compounds	9409659-108 9409659-10A	MSMSDB409291513 01 MSMSDB409291513 01	! ! !	
Sample ID : G94-TB-06 TB				
AK101 - Gasoline Range Organics	58710- 6	58710A 01	<pre>1 Extraction method   identified by analytical   method.</pre>	58710

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate
EB = Equipment Blank ND = Analytical Duplicate



ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH 10	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-TB-07 TB				
AK101 - Gasoline Range Organics	58738-13	58738A 01	Extraction method identified by analytical	58738
SW8260 - Volatile Organic Compounds	9409809-15A	MSMSDB409291513 01		
Sample IO : G94-TB-09 TB				
AK101 - Gasoline Range Organics 58743-19	58743-19	58743C 01	Extraction method identified by analytical method.	58743C 01 Extraction method 58743 identified by analytical method.

ATTACHMENT C - APPENDIX B

Table A-5.2

**Batch Summary - 1994 Soil Samples** 

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-01-HA-11-01 N				
ASTMD2216 – Modified SW8280 – Dioxins and Furans SW8280 – Dioxins and Furans	9409847-12A 9409848-03A 9409848-03A	EXMSRS409291110 01 MS5971410291134 01 MS5971410311411 01	МЕТНОО	3550940928123000 3550941027141000
Sample IO : G94-01-HA-11-02 N				
ASTMD2216 - Modified SW8280 - Dioxins and Furans SW8280 - Dioxins and Furans	9409847-13A 9409848-04A 9409848-04A	EXMSRS409291110 01 MS5971410291134 01 MS5971410311411 01	<b>МЕТНОD</b>	3550940928123000 3550941027141000
Sample ID : G94-01-HA-12-01 N				
ASTMD2216 - Modified SW8280 - Dioxins and Furans SW8280 - Dioxins and Furans	9409847-14A 9409848-05A 9409848-05A	EXMSRS409291110 01 MS5971410291134 01 MS5971410311411 01	METHOD	3550940928123000 3550941027141000
Sample ID : G94-01-HA-12-02 N				
ASTMD2216 - Modified SW8280 - Dioxins and Furans SW8280 - Dioxins and Furans	9409847-15A 9409848-06A 9409848-06A	EXMSRS409291110 01 MS5971410291134 01 MS5971410311411 01	МЕТНОВ	3550940928123000 3550941027141000
Sample ID : G94-01-HA-13-01 N				
ASTMD2216 - Modified SW8280 - Dioxins and Furans SW8280 - Dioxins and Furans	9409847-10A 9409848-01A 9409848-01A	EXMSRS409291110 01 MS5971410291134 01 MS5971410311411 01	МЕТНОО	3550940928123000 3550941027141000
1				# # # # # # # # # # # # # # # # # # #

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

FD = Field Duplicate

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-01-HA-13-01 ND				
SW8280 - Dioxins and Furans SW8280 - Dioxins and Furans	9409848-07A 9409848-07A	MS5971410291134 01 MS5971410311411 01		3550940928123000 3550941027141000
Sample ID : G94-01-HA-13-02 N				
ASTMD2216 - Modified SW8280 - Dioxins and Furans SW8280 - Dioxins and Furans	9409847-11A 9409848-02A 9409848-02A	EXMSRS409291110 01 MS5971410291134 01 MS5971410311411 01	МЕТНОД	3550940928123000 3550941027141000
Sample ID : 694-DD-SS-01 MS				
AK101 - Gasoline Range Organics	58743-24	58743C 01	Extraction method identified by analytical	58743
AK102 - Diesel Range Organics	58743-24	587430 01	Extraction method identified by analytical	58743
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9409849-02A 9409849-02A 9409849-02A 9409849-02A	CHGC6A410121200 01 CHGC6A410121200 02 CHGC6B410121200 01 CHGC6B410121200 02	Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540940928135000 3540940928135000 3540940928135000 3540940928135000
Sample ID : G94-DD-SS-01 MSD				
AK101 - Gasoline Range Organics	58743-27	58743C 01	Extraction method identified by analytical	58743
AK102 - Diesel Range Organics	58743-27	587430 01	method.  Extraction method identified by analytical method.	58743

FD = Field Duplicate

		ANALYTICAL		PREPARATION
ANALYTICAL METHOD	FULL WO	BATCH ID	PREPARATION METHOD	BATCH 10
CLIONON Outsing Land Doods in the DOOD	400040	0.0000000000000000000000000000000000000		111111111111111111111111111111111111111
1 1	9409649-038		oz soxniet Extraction	334034036133000
1	9409849-03A		Soxhlet	3540940028135000
1	9409849-03A		Soxhlet	3540940928135000
;	3		. 1	
Sample ID : 694-DD-SS-01 N				
AK101 - Gasoline Range Organics	58743- 1	58743C 0	01 Extraction method	58743
			identified by analytical method.	
AK102 - Diesel Range Organics	58743- 1	587430 (	01 Extraction method	58743
			identified by analytical	
ASTWD2216 - Modified	0400847-018	EVMcDcA00001110	method.	
SUBDECTO CONTROL DESTICIONS and DUBS	9409849-01A			3540040038135000
	9409649-018		Soxhlet Soxhlet	3340340333135000
ı	9409849-01A		Soxhlet	3540340328133000
	9409849-01A		Soxhlet	3540940928135000 3540940928135000
		;		00100100100
			•	
Sample ID : G94-DD-SS-01 ND				
ASTMD2216 - Modified	9409847-02A	EXMSRS409291110 C	O1 METHOD	
• • • • • • • • • • • • • • • • • • •				
Sample ID : 694-DD-SS-02 N				
AK101 - Gasoline Range Organics	58743- 2	587430	01 Extraction method	58743
			identified by analytical method.	
AK102 - Diesel Range Organics	58743- 2	587430	01 Extraction method	58743
			identified by analytical method.	5
ASTMD2216 - Modified	9409847-03A		_	
SW8080 - Organochlorine Pesticides and PCBs	9409849-04A	CHGC6A410121200 C	01 Soxhlet Extraction	3540940928135000

FD = Field Duplicate N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate TB = Trip Blank

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs	9409849-04A	CHGC68410121200 01	Soxhlet Extraction	3540940928135000
Sample ID : G94-DD-SS-03 N	; 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	
AK101 - Gasoline Range Organics	58743- 3	58743C 01	Extraction method	58743
AK102 - Diesel Range Organics	58743- 3	587430 01	identified by analytical method. Extraction method identified by analytical	58743
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9409847-04A 9409849-05A 9409849-05A 9409849-05A 9409849-05A	EXMSRS409291110 01 CHGC6A410121200 01 CHGC6A410121200 02 CHGC6B410121200 02 CHGC6B410121200 01		3540940928135000 3540940928135000 3540940928135000 3540940928135000
Sample ID : G94-DD-SS-04 N				
AK101 - Gasoline Range Organics	58743- 4	58743C 01	Extraction method	58743

AK101 - Gasoline Range Organics	58743- 4	58743C	01	Extraction method	58743
				identified by analytical	
				method.	
AK102 - Diesel Range Organics	58743- 4	587430	01	Extraction method	58743
				identified by analytical	
				method.	
ASTMD2216 - Modified	9409847-05A	EXMSRS409291110 01	01	METHOD	
SW8080 - Organochlorine Pesticides and PCBs	9409849-06A	CHGC6A410121200 01	10	Soxhlet Extraction	354094092813
SW8080 - Organochlorine Pesticides and PCBs	9409849-06A	CHGC6B410121200 01	01	Soxhlet Extraction	354094092813

Sample ID : 694-DD-SS-05 N

3540940928135000 3540940928135000

58743		
Extraction method	identified by analytical	method.
01		
587430		
58743- 5		
AK101 - Gasoline Range Organics		

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate

Compiled: 21 March 1995

FD = Field Duplicate

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID		PREPARATION METHOD	PREPARATION BATCH 10
AK102 - Diesel Range Organics	58743- 5	587430	01	Extraction method	58743
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs	9409847-06A 9409849-07A	EXMSRS409291110 C	10 10	luentilled by analytical method. METHOD Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9409849-07A 9409849-07A		200		3540940928135000 3540940928135000
SW8080 - Organochlorine Pesticides and PCBs	9409849-07A	CHGC68410121200 C	01	Soxhlet Extraction	3540940928135000
Sample ID : G94-MB-SS-01 MS			! !		
SW8080 ~ Organochlorine Pesticides and PCBs	9410006-21A		03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and Pobs SW8080 - Organochlorine Pesticides and PCBs	9410006-21A 9410006-21A	CHGC6B410231200 C	03	Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-21A	CHGC6B410291200 C	01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-01 MSD					
1 -	9410006-22A		03	Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410006-22A 9410006-22A	CHGC6A410291200 C	01 03	Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-22A		01	Soxhlet Extraction	3540941006170500
Sample ID : G94-MB-SS-01 N			† 		
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCRs	9410008-01A	EXMSRS410040905 0	01	METHOD Sovhlet Extraction	2540041006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-01A		3 5		3540941006170500
	9410006-01A		03		3540941006170500
SW6080 - Urganochiorine Pesticides and PCBS	9410006-01A	CHGC6B410291200 0	01	Soxhlet Extraction	3540941006170500

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-O2 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-02A 9410006-02A 9410006-02A 9410006-02A	EXMSRS410040905 01 CHGCGA410231200 03 CHGCGA410291200 01 CHGCGB410231200 03 CHGCGB410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-03 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-03A 9410006-03A 9410006-03A 9410006-03A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-04 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-04A 9410006-04A 9410006-04A 9410006-04A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : 694-MB-SS-05 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-05A 9410006-05A 9410006-05A 9410006-05A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate = Trip Blank

FD = Field Duplicate

TABLE 5.2 BATCH SUMMARY, SOTT SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-05 ND				
ASTMD2216 – Modified	9410008-05A	EXMSRS410040905 01	МЕТНОО	
Sample ID : 694-MB-SS-06 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs	9410008-06A 9410006-06A	EXMSRS410040905 01 CHGC6A410231200 03	METHOD Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410006-06A 9410006-06A 9410006-06A	CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-07 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs	9410008-07A 9410006-07A	EXMSRS410040905 01 CHGC6A410231200 03	METHOD Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-07A			3540941006170500
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410006-07A 9410006-07A	CHGC6B410231200 03 CHGC6B410291200 01	Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500
Sample 1D : 694-MB-55-08 N	1 1 1 1 1 1 1 1 1 1 1 1 1			
3		1	ļ	
ASIMUSZI6 - Modified SW8080 - Organochlorine Pesticides and PCBs	9410008-08A 9410006-08A	EXMSRS410040905 01 CHGC6A410231200 03	METHOD Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs	9410006-08A	0291200		3540941006170500
SW8080 - Organochlorine Pesticides and PCBS SW8080 - Organochlorine Pesticides and PCBs	9410006-08A 9410006-08A	CHGC6B410231200 03 CHGC6B410291200 01	Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500
Sample ID : G94-MB-SS-09 N				
ASIMDZZIG - Modified	9410008-09A	EXMSRS410040905 01	METHOD	
Compiled: 21 March 1995 N = Norma EB = Equi	N = Normal Sample MS : EB = Equipment Blank	= Matrix Spike MSD = Mar ND = Analytical Duplicate	MSD = Matrix Spike Duplicate Ouplicate TB = Trip Blank	FD = Field Duplicate Page 7

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410006-09A 9410006-09A 9410006-09A 9410006-09A	CHGCGA410231200 03 CHGCGA410291200 01 CHGCGB410231200 03 CHGCGB410291200 01	Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-10 N ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-10A 9410006-10A 9410006-10A 9410006-10A	EXMSRS410040905 01 CHGCGA410231200 03 CHGCGA410291200 01 CHGCGB410231200 03 CHGCGB410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-11 N  ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-11A 9410006-11A 9410006-11A 9410006-11A	EXMSRS410040905 01 CHGCGA410231200 03 CHGCGA410291200 01 CHGCGB410231200 03 CHGCGB410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-12 N ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-12A 9410006-12A 9410006-12A	EXMSRS410040905 01 CHGC6A410291200 01 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500
Sample ID : G94-MB-SS-13 N ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-13A 9410006-13A 9410006-13A	EXMSRS410040905 01 CHGC6A410291200 01 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate EB = Equipment Blank ND = Analytical Duplicate = Trip Blank

FD = Field Duplicate

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-14 N ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-14A 9410006-14A 9410006-14A	EXMSRS410040905 01 CHGC6A410291200 01 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500
Sample ID : G94-MB-SS-15 N				
ASTMD2216 – Modified SW8080 – Organochlorine Pesticides and PCBs SW8080 – Organochlorine Pesticides and PCBs SW8080 – Organochlorine Pesticides and PCBs SW8080 – Organochlorine Pesticides and PCBs	9410008-15A 9410006-15A 9410006-15A 9410006-15A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-16 N			·	
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-16A 9410006-16A 9410006-16A 9410006-16A 9410006-16A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410231200 01 CHGC6B410231200 03 CHGC6B410231200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : 694-MB-SS-17 N ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-17A 9410006-17A 9410006-17A 9410006-17A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
Sample ID : G94-MB-SS-18 N		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-18A 9410006-18A 9410006-18A 9410006-18A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-19 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs	9410008-19A 9410006-19A	EXMSRS410040905 01 CHGC6A410231200 03	METHOD Soxhlet Extraction	3540941006170500
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410006-19A 9410006-19A 9410006-19A	CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 01	Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500
Sample ID : G94-MB-SS-20 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410008-20A 9410006-20A 9410006-20A 9410006-20A	EXMSRS410040905 01 CHGC6A410231200 03 CHGC6A410291200 01 CHGC6B410231200 03 CHGC6B410291200 03	METHOD Soxhlet Extraction Soxhlet Extraction Soxhlet Extraction	3540941006170500 3540941006170500 3540941006170500 3540941006170500

Sample ID : 694-MB-SS-21 MS

Soxhlet Extraction Soxhlet Extraction CHGC6A410231200 01 CHGC6B410231200 01 9410007-04A 9410007-04A SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs

3540941006170600 3540941006170600

Sample ID : G94-MB-SS-21 MSD

Compiled: 21 March 1995

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate
EB = Equipment Blank ND = Analytical Duplicate = Trip Blank



TABLE 5.2 BATCH SUMMARY, SOTL SAMPLES, Galena RRS 1994

ANALYTICAL METHOD	FULL WO	ANALYTICAL BATCH ID	PREPARATION METHOD	PREPARATION BATCH ID
SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410007-05A 9410007-05A	CHGC6A410231200 01	Soxhlet Extraction Soxhlet Extraction	3540941006170600 3540941006170600
Sample ID : G94-MB-SS-21 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410009-01A 9410007-01A 9410007-01A	EXMSRS410040840 01 CHGC6A410231200 01 CHGC6B410231200 01	METHOD Soxhlet Extraction Soxhlet Extraction	3540941006170600 3540941006170600
Sample ID : G94-MB-SS-21 ND	·			
ASTMD2216 - Modified	9410009-01A	EXMSRS410040840 01	METHOD	
Sample ID : 694-MB-SS-22 N				
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410009-02A 9410007-02A 9410007-02A	EXMSRS410040840 01 CHGC6A410231200 01 CHGC6B410231200 01	METHOD Soxhlet Extraction Soxhlet Extraction	3540941006170600 3540941006170600
Sample ID : G94-MB-SS-23 N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
ASTMD2216 - Modified SW8080 - Organochlorine Pesticides and PCBs SW8080 - Organochlorine Pesticides and PCBs	9410009-03A 9410007-03A 9410007-03A	EXMSRS410040840 01 CHGC6A410231200 01 CHGC6B410231200 01	METHOD Soxhlet Extraction Soxhlet Extraction	3540941006170600 3540941006170600
Sample ID : G94-P0-SS-01 MS				
AK101 - Gasoline Range Organics	58743-25	58743C 01	Extraction method identified by analytical	58743
AK102 - Diesel Range Organics	58743-25	587430 01	method. Extraction method	58743
Compiled: 21 March 1995 N = Norm EB = Equ	N = Normal Sample MS : EB = Equipment Blank	= Matrix Spike MSD = Mai ND = Analytical Duplicate	trix Spike Duplicate FD = TB = Trip Blank	Field Duplicate Page 11

ANALYTICAL METHOD	FULL WO	BATCH ID		PREPARATION METHOD	PREPARATION BATCH ID
SW6010 - Metals	0400852-024	EM 1461410061000	5	identified by analytical method.	
1 1	9409849-09A 9409849-09A	CHGC6A410121200	5 6 5	Soxhlet Extraction	1016940929080000 3540940928135000
- 1	9409851-02A	MSMSDB410031949	01	METHOD	2240340378132000
SW8270 - Semivolatile Organics	9409850-02A	MSMSD1410040804	01	Soxhlet Extraction	3540940930114500
Sample ID : G94-P0-SS-01 MSD			1 		
AK101 - Gasoline Range Organics	58743-28	58743C	01	Extraction method identified by analytical	58743
AK102 - Diesel Range Organics	58743-28	58743D	01	metnod. Extraction method identified by analytical	58743
SW6010 - Metals	9409852-03A	EMJA61410051000	04	method. ICP - Digestion	1016940929080000
1	9409849-10A	CHGC6A410121200	01	Soxhlet Extraction	3540940928135000
SW8080 - Organochlorine Pesticides and PCBs SW8240 - Volatile Organics	9409849-10A	CHGC6B410121200	10 5	Soxhlet Extraction	3540940928135000
	9409850-03A	MSMSD1410040804	01	MEIHUD Soxhlet Extraction	3540940930114500
Sample ID : G94-PO-SS-01 N			; 1 1 1 1		
AK101 - Gasoline Range Organics	58743- 6	58743C	01	Extraction method identified by analytical method	58743
AK102 - Diesel Range Organics	58743- 6	587430	01	Extraction method identified by analytical	58743
ASTMD2216 - Modified	9409847-07A	EXMSRS409291110	01	METHOD	
SW6010 - Metals	9409852-01A	EMJA61410051000	04	ICP - Digestion	1016940929080000
- Organochiorine Pesticides and	9409849-08A	CHGC6A410121200	0	Soxhlet Extraction	3540940928135000
งพิชับชับ - Urganochlorine Pesticides and PCBs	9409849-08A	CHGC68410121200	10	Soxhlet Extraction	3540940928135000

N = Normal Sample MS = Matrix Spike MSD = Matrix Spike Duplicate
EB = Equipment Blank ND = Analytical Duplicate = Trip Blank

Duplicate FD = Field Duplicate

ANALYIICAL MEIHOD	FULL WO	ANALYTICAL BATCH 10	PREPARATION METHOD	PREPARATION BATCH ID
SW8240 - Volatile Organics SW8270 - Semivolatile Organics	9409851-01A 9409850-01A	MSMSD1410040804 01	METHOD Soxhlet Extraction	3540940930114500
Sample ID : G94-PO-SS-01 ND				
ASTMD2216 - Modified	9409847-08A	EXMSRS409291110 01	METHOD	
Sample ID : G94-PO-SS-O2 N				
AK101 - Gasoline Range Organics	58743- 7	58743C 01	Extraction method identified by analytical method.	58743
AK102 - Diesel Range Organics	58743- 7	587430 01	Extraction method identified by analytical method.	58743
ASTMD2216 - Modified	9409847-09A	09291110	METHOD	
SW6010 - Metals SW8080 - Organochlorine Pesticides and PCBs	9409852-04A 9409849-11A	EMJA61410051000 04 CHGC6A410121200 01	ICP - Digestion Soxhlet Extraction	IDIG940929080000 3540940928135000
	9409849-11A		Soxhlet Extraction	3540940928135000
SW8240 - Volatile Organics	9409851-04A		METHOD	
SW8270 - Semivolatile Organics	9409850-04A	MSMSD1410040804 01	Soxhlet Extraction	3540940930114500
Sample ID : G94-PO-SS-O2-EB EB				
SW8240 - Volatile Organics	9409842-01A	MSMSDB410031949 01	МЕТНОО	

METHOD

9409842-02A MSMSDB410031949 01

SW8240 - Volatile Organics

Sample ID : G94-TB-09 TB

SW8240 - Volatile Organics

Sample ID : 694-TB-11 TB

ANALYTICAL METHOD

PREPARATION BATCH ID				·
PREPARATION METHOD	МЕТНОВ			
ANALYTICAL BATCH ID	MSMSDB410031949 01			
FULL WO	9409842-03A			

## END

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